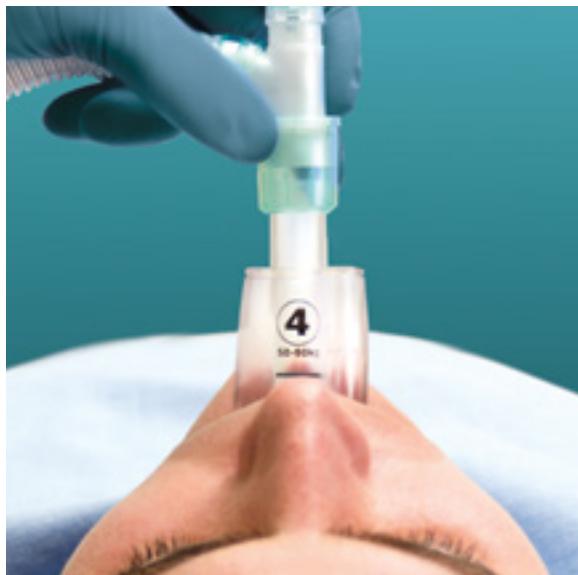


Intersurgical Product Catalogue

Patient solutions for airway management, anaesthesia,
critical care and oxygen and aerosol therapy

Airway Management



Critical Care



Anaesthesia



Oxygen and
Aerosol Therapy



Edition 17



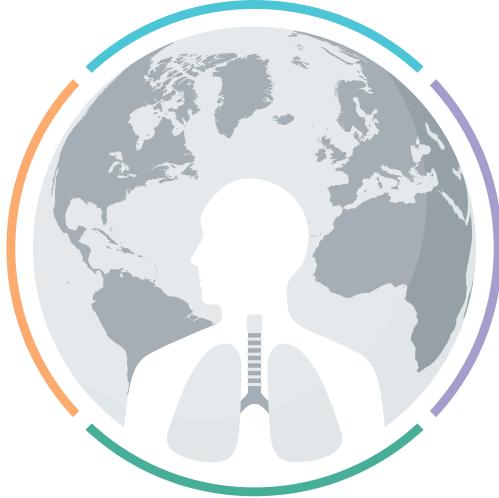
INTERSURGICAL®
COMPLETE RESPIRATORY SYSTEMS

Quality, innovation and choice

Interact with us



www.intersurgical.com



To provide best practice respiratory product solutions for patients and clinicians, offering quality, innovation and choice.

Intersurgical

Intersurgical is a global designer, manufacturer and supplier of a wide range of high quality medical devices for respiratory support. We provide flexible patient solutions for airway management, anaesthesia, critical care and oxygen & aerosol therapy, for use within emergency care, hospitals and also in the home.

With over 35 years experience we understand the changing and challenging clinical environments and needs of our customers and their patients.

Our integrated approach enables us to provide the highest standards in design, manufacture, quality and customer care allowing us to respond quickly and effectively to our customers and consistently meet their requirements.

Our company goal is to provide best practice respiratory product solutions for patients and clinicians, offering quality, innovation and choice.

Quality

All of our products are designed and manufactured to meet the requirements of relevant international, European and national standards, and our Management System is assessed and certified as meeting the requirements of ISO 9001 and ISO 13485.

Innovation

Innovation is important in all areas, helping us to deliver high quality products and services matched by cost effective solutions to meet today's needs.

Choice

Our wide product portfolio allows for both patient and clinical requirements to be met.

We are also committed to lowering the environmental impact of our products and services and have implemented an Environmental Management System certified to international standard ISO 14001.

The Eco range of products has been designed as part of our ongoing focus on sustainable development. Wherever you see the  logo we have reduced the environmental impact of these products compared to traditional PVC options.

We hope we can provide a solution for your needs.



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A guide to symbols used in our catalogue

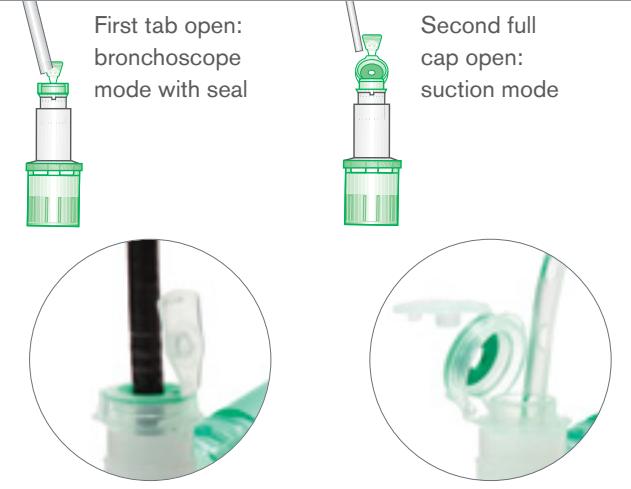
Throughout our catalogue we use a number of symbols to identify specific characteristics about our products, please find these below.

| | | |
|---|---|--|
|  Lower environmental impact product <p>The Eco range of products has been designed as part of our ongoing focus on sustainable development. Wherever you see the  logo we have reduced the environmental impact of these products compared to traditional PVC options.</p> |  Sterile range <p>A number of our products are only supplied sterile and are identified by the  symbol. Where we have both a non-sterile and sterile option available (S*) is shown after the code number. Simply add S to the end of the 7 digit code to order the sterile version.</p> |  Silver Knight™ <p>A range of Silver Knight breathing systems with anti-microbial additive for anaesthesia and intensive care is available, offering an option to help reduce the risks of cross infection.</p> <p>You can find more information about Silver Knight on page 60.</p> |
|  Single use and Latex free <p>All products detailed in this catalogue are single-use and latex-free unless otherwise stated. The Alterna™ range of products is reprocessable and are all indicated.</p> |  View product video <p>We have a large number of product videos to show how our products can be used and their features and benefits. These can be viewed via the website on the Video page, where available are indicated by the play button.</p> |  Baggins the Bear <p>The Baggins the Bear symbol  can be found on a number of paediatric products that help to distract and relax children undergoing anaesthesia. See the website for the Baggins the Bear collection to ease the experience of a hospital stay including: colouring book, poster and bravery certificate.</p> |

A guide to our ports and caps

Ports and caps are available on a variety of products including catheter mounts, elbows, T-pieces, Y-pieces and connectors. For added safety all Intersurgical port caps are fixed to the connectors, to prevent loss or misplacement in use.

 Video available at www.intersurgical.com 

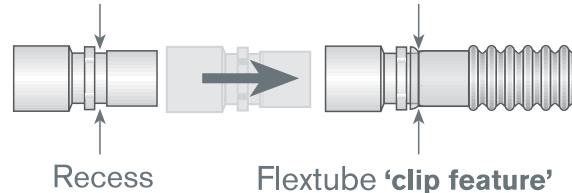
| | | |
|--|--|---|
| Luer ports <p>For secure attachment of gas sampling lines with luer lock fittings</p>  | 7.6mm port and flip top cap <p>For insertion of all standard 7.6mm probes or for suctioning</p>  | Double flip top cap with seal <p>Bronchoscopy and suction ports in one patient connection</p>  |
|--|--|---|

A guide to our tube types

We manufacture a variety of tubes to suit different applications and clinical requirements:

Flextube™ – for flexibility

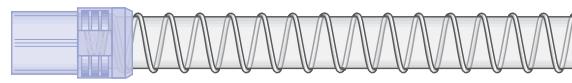
Most of our breathing systems, plus our Flexible range of catheter mounts, are made from Intersurgical Flextube. The tube is flexible and has a unique clip feature ensuring an airtight fit when used with our connectors with a recess.



Smoothbore – for improved flow characteristics

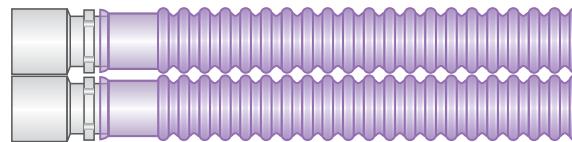
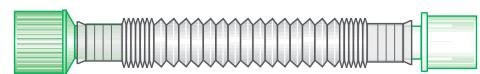
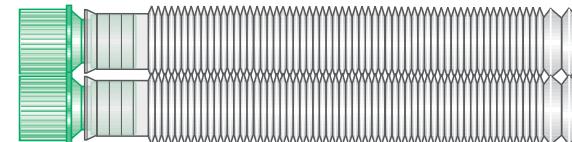
We have a range of breathing systems and catheter mounts made from Smoothbore tubing. A non-PVC Eco option is also available providing a lower environmental impact. The clear crush resistant tubing offers improved ventilatory support, with:

- Improved flow characteristics
- Lower tubing compliance
- Lower system volume



Compact™ and Superset™ – extendable tube

Compact breathing systems and Superset catheter mounts are made using extendable tubing. This allows the tube length to be changed to suit the clinical situation and for the tube position to be set as required, with multiple positioning possibilities ideal for head and neck surgery. The Compact systems are supplied in a compressed form which increases the number of systems per box, for more cost effective shipping storage and disposal. This means that there can be significant space savings compared with other breathing systems.



Anti-microbial breathing systems – reduce risks

In the continued fight against Hospital Acquired Infections, Intersurgical has developed the Silver Knight™ range of products with an anti-microbial additive to further enhance patient safety. This anti-microbial, silver-based ion additive has been introduced to a range of breathing systems for both anaesthesia and intensive care use. Testing to ISO Standard 22196 shows a reduction in bacterial viable count by 99.9% against controls. You can find more information about Silver Knight on page 60.



Push and Twist

All of our tapers and connections are manufactured to meet the relevant BS, ISO and EN Standards ensuring a secure gas tight fit when using a simple push and twist action.

Video available at www.intersurgical.com



Contact us

info@intersurgical.com • www.intersurgical.com

Intersurgical Initiatives

Intersurgical has a number of initiatives where we can provide a little more information about our products and services. These can all be found online, please do take a look.

www.intersurgical.com/about

Education



All our supporting material in one place including – information sheets, videos and evidence

www.intersurgical.com/info/education

Your route to respiratory care



Intersurgical offer the complete respiratory package for your hospital, see what's available for your department

www.intersurgical.com/info/yourroute

Sustainable development



Comfortable for the patient
Comfortable for the environment


www.intersurgical.com/info/sustainability

Tube management programme



Helping to provide a safe and tidy environment, reducing the risk of disconnection and patient trauma

www.intersurgical.com/info/tube-management-programme

Neonatal and Paediatric range



For neonatal and paediatric patients requiring respiratory support we provide a number of specialist options

www.intersurgical.com/info/neonatalpaediatricrange

Oral Care



The complete Oral Care programme for ICU toothbrushes, mouthwashes, protocols and guides

www.intersurgical.com/info/oralcare

i-gel®



i-gel® single use supraglottic airway
Adult and paediatric sizes

www.intersurgical.com/info/igel

i-view™ video laryngoscope



Video laryngoscopy wherever and whenever you intubate

www.intersurgical.com/info/iview

Intersurgical EcoLite™ range



Our range of oxygen and aerosol therapy masks. Comfortable for the patient. Comfortable for the environment

www.intersurgical.com/info/intersurgicalecolite

Reduce the pressure



Intersurgical offers two new products to reduce the occurrence of pressure ulcers on the ear

www.intersurgical.com/info/tissueviability

Baggins the Bear



Baggins the Bear collection, to help your paediatric patient undergoing anaesthesia

www.intersurgical.com/info/bagginsbear

Resuscitation & Emergency care



Intersurgical can offer you a complete range of products for use in an emergency and resuscitation situation

www.intersurgical.com/info/emergency



Airway Management

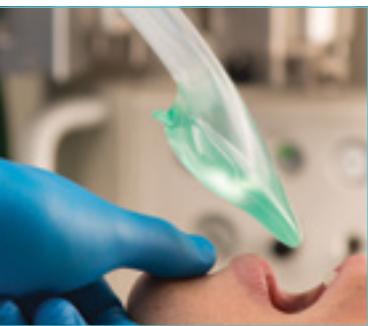
A range of airway management devices including the innovative i-gel® and laryngeal mask airways, airway management accessories, breathing filters and patient connections.

| | |
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Airway Devices



One-piece Guedel airways

Safer by design

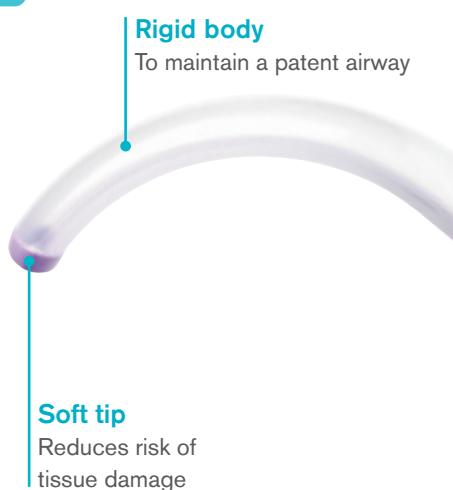
By using the latest manufacturing technology Intersurgical has produced the first major breakthrough in Guedel airway design for thirty years.

Combining two materials with very different physical characteristics into one moulding, our One-piece design eliminates the separate bite block found in all conventional Guedel airways.

Loose or detached bite blocks constitute a real threat to patient safety and have been the subject of several hazard notices in the past. Our One-piece design overcomes all of the associated risks.

As well as improved safety, the One-piece also incorporates a soft tip reducing the risk of trauma to the patient. We also offer a sterile option, providing a further choice.

 Video available at www.intersurgical.com



Rigid body

To maintain a patent airway

Soft tip

Reduces risk of tissue damage

Softer second material

Reduces the potential for dental damage

One-piece design

With no separate inner bite block – safer by design

Nine colour-coded sizes

To meet all patient requirements



Clear colour-coding

For easy identification

| Code | Description | Size | ISO | Colour | Box Qty. |
|--------------|-------------------------|------|------|--------|---|
| 1115120 (S*) | One-piece Guedel airway | 5 | 12.0 | Purple | 70  |
| 1114100 (S*) | One-piece Guedel airway | 4 | 10.0 | Red | 90  |
| 1113090 (S*) | One-piece Guedel airway | 3 | 9.0 | Orange | 90  |
| 1112080 (S*) | One-piece Guedel airway | 2 | 8.0 | Green | 100  |
| 1111570 (S*) | One-piece Guedel airway | 1.5 | 7.0 | Yellow | 100  |
| 1111065 (S*) | One-piece Guedel airway | 1 | 6.5 | White | 20  |
| 1110055 (S*) | One-piece Guedel airway | 0 | 5.5 | Grey | 25  |
| 1100050 (S*) | One-piece Guedel airway | 00 | 5.0 | Blue | 25  |
| 1000035 (S*) | One-piece Guedel airway | 000 | 3.5 | Pink | 25  |

[Make an enquiry](#)

 Lower environmental impact product

 Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S



Contact us

info@intersurgical.com • www.intersurgical.com

i-gel® supraglottic airway



For use in anaesthesia and resuscitation

i-gel is a truly unique, single use, latex and PVC free second generation supraglottic airway management device that represents the culmination of years of extensive research and development. Made from a medical grade thermoplastic elastomer, i-gel has been designed to create a non-inflatable, anatomical seal of the pharyngeal, laryngeal and perilaryngeal structures whilst avoiding compression trauma.

The i-gel® supraglottic airway is supplied in a fully recyclable protective cradle or cage pack. This unique packaging protects the i-gel in transit and ensures that it maintains its anatomical shape. i-gel is available in seven sizes.

www.i-gel.com

Video available at www.intersurgical.com



15mm connector

Reliable connection to any standard catheter mount or connection

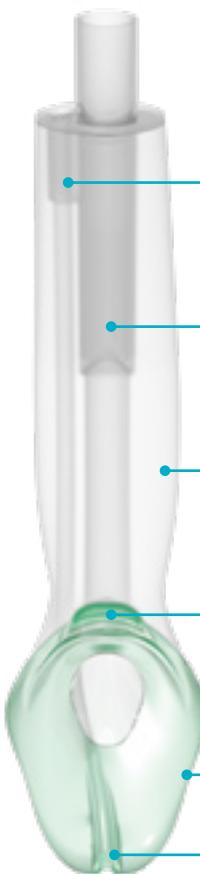
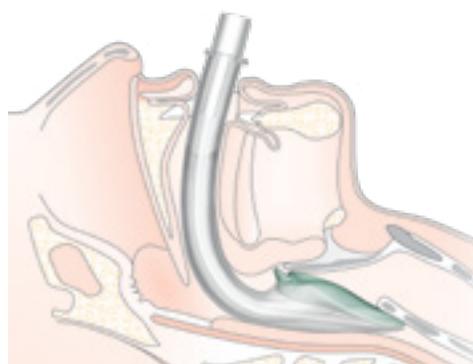
Proximal end of gastric channel

Clearly displayed product information

For quick easy reference. Includes confirmation of size and weight guidance

Position guide (adult sizes only)

Easy confirmation of optimum insertion depth



Gastric channel

The i-gel incorporates a gastric channel (except size 1). It provides an early warning of regurgitation, allows for the passing of a nasogastric tube to empty stomach contents and facilitates venting

Integral bite block

Reduces the possibility of airway channel occlusion

Buccal cavity stabiliser

Aids insertion and eliminates the potential for rotation

Epiglottic rest

Reduces the possibility of epiglottic 'down folding' and airway obstruction

The non-inflatable cuff

Made from a unique soft gel-like material allowing ease of insertion and reduced trauma

Distal end of gastric channel

| Code | Description | Size | Weight | Box Qty. | |
|---------|----------------------------|------|------------------|----------|----|
| 8205000 | i-gel, supraglottic airway | 5 | Large adult | 90+kg | 25 |
| 8204000 | i-gel, supraglottic airway | 4 | Medium adult | 50–90kg | 25 |
| 8203000 | i-gel, supraglottic airway | 3 | Small adult | 30–60kg | 25 |
| 8225000 | i-gel, supraglottic airway | 2.5 | Large paediatric | 25–35kg | 10 |
| 8202000 | i-gel, supraglottic airway | 2 | Small paediatric | 10–25kg | 10 |
| 8215000 | i-gel, supraglottic airway | 1.5 | Infant | 5–12kg | 10 |
| 8201000 | i-gel, supraglottic airway | 1 | Neonate | 2–5kg | 10 |

Sterile

Make an enquiry

i-gel® O₂ Resus Pack

For use in anaesthesia and resuscitation

The i-gel O₂ Resus Pack puts the things you need at your fingertips. The pack contains an i-gel O₂ second generation supraglottic airway, a sachet of lubricant, an airway support strap and a suction tube, all packaged in a specially designed clear, sterile rigid pack. This unique design ensures protection of the contents, both in transit and in storage. Available in three adult sizes, the i-gel O₂ has a colour-coded hook ring to allow quick and easy size identification.

www.i-gel.com

▶ Video available at www.intersurgical.com



Pack content



Supplementary oxygen port

For the administration of passive oxygenation as a component of cardiocerebral resuscitation (CCR)



Colour coded hook ring

To secure the i-gel O₂ in position with the airway support strap

| Code | Description | Weight | Box Qty. |
|---------|--|---------|----------|
| 8705000 | i-gel O ₂ Resus Pack, large adult – includes a size 5 i-gel O ₂ with orange hook ring, sachet of lubricant, airway support strap and a 12FG suction tube | 90+kg | 6 S |
| 8704000 | i-gel O ₂ Resus Pack, medium adult – includes a size 4 i-gel O ₂ with green hook ring, sachet of lubricant, airway support strap and a 12FG suction tube | 50–90kg | 6 S |
| 8703000 | i-gel O ₂ Resus Pack, small adult – includes a size 3 i-gel O ₂ with yellow hook ring, sachet of lubricant, airway support strap and a 12FG suction tube | 30–60kg | 6 S |

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S Sterile

Please note: Suction tube contains PVC.



Contact us

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Solus™ laryngeal mask airways

A comprehensive range of single use laryngeal mask airways suitable for anaesthesia and emergency medicine.

Designed to meet the needs of a variety of clinical scenarios, all Solus laryngeal mask airways are single use, latex free and supplied sterile.

Essential information

Clearly visible for quick reference

Low friction material

Atraumatic insertion & removal



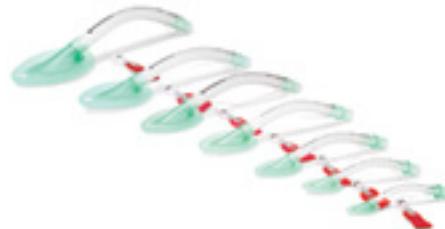
Video available at www.intersurgical.com



Solus Standard

Using specially chosen materials, the Solus Standard is manufactured with the quality, flexibility and strength required to work effectively in a range of demanding clinical applications, including paediatric anaesthesia. Available in a full size range, from adult to neonate.

[Make an enquiry](#)



Code

Description

Size

Weight

Box Qty.

| | | | | | | |
|---------|---------------------------------------|-----|------------------|---------|----|--|
| 8005000 | Solus Standard, laryngeal mask airway | 5 | Large adult | 70+kg | 20 | |
| 8004000 | Solus Standard, laryngeal mask airway | 4 | Medium adult | 50-70kg | 20 | |
| 8003000 | Solus Standard, laryngeal mask airway | 3 | Small adult | 30-50kg | 20 | |
| 8025000 | Solus Standard, laryngeal mask airway | 2.5 | Large paediatric | 20-30kg | 20 | |
| 8002000 | Solus Standard, laryngeal mask airway | 2 | Small paediatric | 10-20kg | 20 | |
| 8015000 | Solus Standard, laryngeal mask airway | 1.5 | Infant | 5-10kg | 20 | |
| 8001000 | Solus Standard, laryngeal mask airway | 1 | Neonate | <5kg | 20 | |

Solus Satin

Solus Satin is our range of single use laryngeal mask airways featuring a softer airway tube providing increased flexibility.



[Make an enquiry](#)

Code

Description

Size

Weight

Box Qty.

| | | | | | | |
|---------|------------------------------------|---|--------------|---------|----|--|
| 8005003 | Solus Satin, laryngeal mask airway | 5 | Large adult | 70+kg | 20 | |
| 8004003 | Solus Satin, laryngeal mask airway | 4 | Medium adult | 50-70kg | 20 | |
| 8003003 | Solus Satin, laryngeal mask airway | 3 | Small adult | 30-50kg | 20 | |

Sterile

Solus MRI-safe

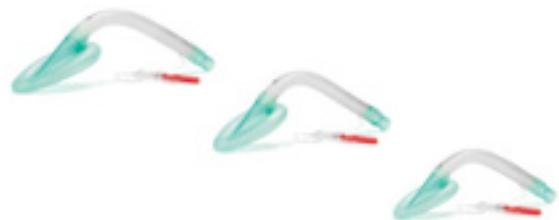
A range of single use, sterile, laryngeal mask airways fitted with specially designed non-ferrous valves, guaranteed not to interfere with the magnet in an MRI scanner. The plastic valve has been selected to ensure full reliability throughout the shelf life of each device.

[Make an enquiry](#)


| Code | Description | Size | Weight | Box Qty. | |
|---------|---------------------------------------|------|------------------|----------|----|
| 8005002 | Solus MRI-safe, laryngeal mask airway | 5 | Large adult | 70+kg | 20 |
| 8004002 | Solus MRI-safe, laryngeal mask airway | 4 | Medium adult | 50–70kg | 20 |
| 8003002 | Solus MRI-safe, laryngeal mask airway | 3 | Small adult | 30–50kg | 20 |
| 8025002 | Solus MRI-safe, laryngeal mask airway | 2.5 | Large paediatric | 20–30kg | 20 |
| 8002002 | Solus MRI-safe, laryngeal mask airway | 2 | Small paediatric | 10–20kg | 20 |
| 8015002 | Solus MRI-safe, laryngeal mask airway | 1.5 | Infant | 5–10kg | 20 |
| 8001002 | Solus MRI-safe, laryngeal mask airway | 1 | Neonate | <5kg | 20 |

Solus Curve

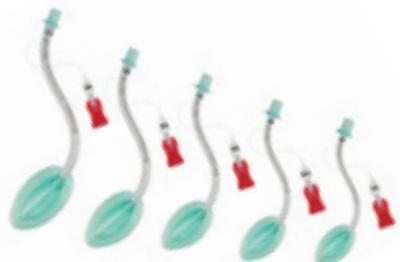
Solus Curve is our laryngeal mask for those who prefer the insertion characteristics of a device with a curved airway tube.

[Make an enquiry](#)


| Code | Description | Size | Weight | Box Qty. | |
|---------|------------------------------------|------|--------------|----------|----|
| 8005050 | Solus Curve, laryngeal mask airway | 5 | Large adult | 70+kg | 20 |
| 8004050 | Solus Curve, laryngeal mask airway | 4 | Medium adult | 50–70kg | 20 |
| 8003050 | Solus Curve, laryngeal mask airway | 3 | Small adult | 30–50kg | 20 |

Solus Flexible

Solus Flexible provides an ideal solution for shared airway procedures such as ENT, dental, oro-maxillary and eye surgery where the rigidity of airway devices can obscure surgical access. The wire-reinforced tube permits flexion without kinking and can be moved at any time mid-procedure without concern for the cessation of gas flow.

[Make an enquiry](#)


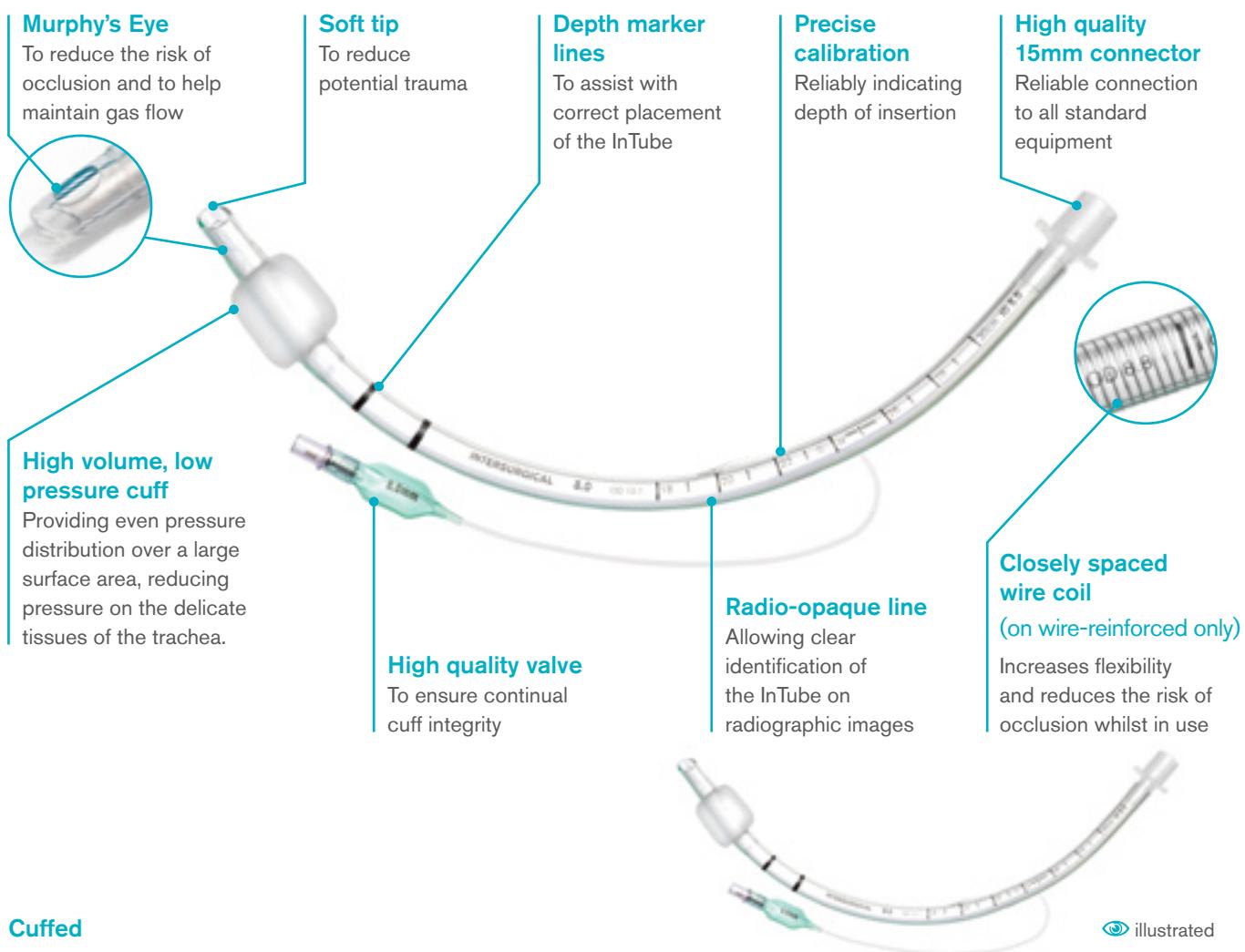
| Code | Description | Size | Weight | Box Qty. | |
|---------|---|------|------------------|----------|----|
| 8005001 | Solus Flexible, wire-reinforced laryngeal mask airway | 5 | Large adult | 70+kg | 20 |
| 8004001 | Solus Flexible, wire-reinforced laryngeal mask airway | 4 | Medium adult | 50–70kg | 20 |
| 8003001 | Solus Flexible, wire-reinforced laryngeal mask airway | 3 | Small adult | 30–50kg | 20 |
| 8025001 | Solus Flexible, wire-reinforced laryngeal mask airway | 2.5 | Large paediatric | 20–30kg | 20 |
| 8002001 | Solus Flexible, wire-reinforced laryngeal mask airway | 2 | Small paediatric | 10–20kg | 20 |

Sterile


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Intersurgical InTube™ tracheal tubes

Designed for use in anaesthesia, A&E and emergency medicine, the Intersurgical InTube range offers three varieties of tracheal tube: cuffed, reinforced and uncuffed, in a comprehensive range of sizes from paediatric to adult. Supplied sterile, individually packed, latex free and for single use.



Cuffed

Illustrated

| Code | Description | Size (Inner Diameter) | Box Qty. | |
|---------|------------------------------|-----------------------|----------|---|
| 8040100 | InTube tracheal tube, cuffed | 10.0mm | 10 | S |
| 8040095 | InTube tracheal tube, cuffed | 9.5mm | 10 | S |
| 8040090 | InTube tracheal tube, cuffed | 9.0mm | 10 | S |
| 8040085 | InTube tracheal tube, cuffed | 8.5mm | 10 | S |
| 8040080 | InTube tracheal tube, cuffed | 8.0mm | 10 | S |
| 8040075 | InTube tracheal tube, cuffed | 7.5mm | 10 | S |
| 8040070 | InTube tracheal tube, cuffed | 7.0mm | 10 | S |
| 8040065 | InTube tracheal tube, cuffed | 6.5mm | 10 | S |
| 8040060 | InTube tracheal tube, cuffed | 6.0mm | 10 | S |
| 8040055 | InTube tracheal tube, cuffed | 5.5mm | 10 | S |
| 8040050 | InTube tracheal tube, cuffed | 5.0mm | 10 | S |
| 8040045 | InTube tracheal tube, cuffed | 4.5mm | 10 | S |

Make an enquiry

Sterile

**Wire-reinforced**

🕒 illustrated

| Code | Description | Size (Inner Diameter) | Box Qty. | |
|-----------|--|-----------------------|----------|-----|
| 8060100 | InTube tracheal tube, wire-reinforced cuffed | 10.0mm | 10 | 🕒 S |
| 8060095 | InTube tracheal tube, wire-reinforced cuffed | 9.5mm | 10 | 🕒 S |
| 8060090 | InTube tracheal tube, wire-reinforced cuffed | 9.0mm | 10 | 🕒 S |
| 8060085 | InTube tracheal tube, wire-reinforced cuffed | 8.5mm | 10 | 🕒 S |
| 8060080 | InTube tracheal tube, wire-reinforced cuffed | 8.0mm | 10 | 🕒 S |
| 8060075 | InTube tracheal tube, wire-reinforced cuffed | 7.5mm | 10 | 🕒 S |
| 8060070 | InTube tracheal tube, wire-reinforced cuffed | 7.0mm | 10 | 🕒 S |
| 🕒 8060065 | InTube tracheal tube, wire-reinforced cuffed | 6.5mm | 10 | 🕒 S |
| 8060060 | InTube tracheal tube, wire-reinforced cuffed | 6.0mm | 10 | 🕒 S |
| 8060055 | InTube tracheal tube, wire-reinforced cuffed | 5.5mm | 10 | 🕒 S |
| 8060050 | InTube tracheal tube, wire-reinforced cuffed | 5.0mm | 10 | 🕒 S |
| 8060045 | InTube tracheal tube, wire-reinforced cuffed | 4.5mm | 10 | 🕒 S |

Make an enquiry

**Uncuffed**

🕒 illustrated

| Code | Description | Size (Inner Diameter) | Box Qty. | |
|-----------|--------------------------------|-----------------------|----------|-----|
| 8050070 | InTube tracheal tube, uncuffed | 7.0mm | 10 | 🕒 S |
| 8050065 | InTube tracheal tube, uncuffed | 6.5mm | 10 | 🕒 S |
| 8050060 | InTube tracheal tube, uncuffed | 6.0mm | 10 | 🕒 S |
| 🕒 8050055 | InTube tracheal tube, uncuffed | 5.5mm | 10 | 🕒 S |
| 8050050 | InTube tracheal tube, uncuffed | 5.0mm | 10 | 🕒 S |
| 8050045 | InTube tracheal tube, uncuffed | 4.5mm | 10 | 🕒 S |
| 8050040 | InTube tracheal tube, uncuffed | 4.0mm | 10 | 🕒 S |
| 8050035 | InTube tracheal tube, uncuffed | 3.5mm | 10 | 🕒 S |
| 8050030 | InTube tracheal tube, uncuffed | 3.0mm | 10 | 🕒 S |
| 8050025 | InTube tracheal tube, uncuffed | 2.5mm | 10 | 🕒 S |

Make an enquiry

🕒 Sterile

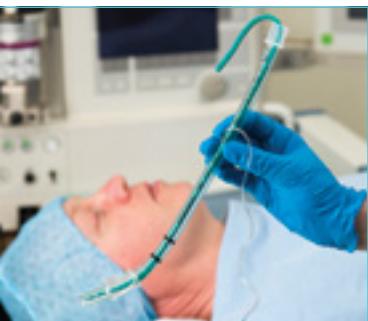


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Airway Accessories



Introducing the i-view™ video laryngoscope

One size • Single use

i-view is the new, single use video laryngoscope from Intersurgical, providing the option of video laryngoscopy wherever you might need to intubate.

By incorporating a Macintosh blade, i-view can also be used for direct laryngoscopy and the technique for insertion is more familiar and instinctive than for devices with a hyper-angled blade. Ready to use seconds after removing from the packaging, the ergonomic design ensures i-view is easy to use, and the integral LCD screen provides an optimal view in a variety of light conditions.

 Video available at www.intersurgical.com



i-view provides the opportunity of video laryngoscopy 'whenever and wherever you might need to intubate'

Where availability of a video laryngoscope may be limited due to the cost implications of purchasing reusable devices for multiple sites, i-view provides a cost effective solution, by combining all the advantages of a fully integrated video laryngoscope in a single use, disposable product. This also makes i-view an ideal option when there are concerns related to infection control.

i-view is ideal for use in;

- pre-hospital
- emergency medicine
- resuscitation
- anaesthesia
- difficult airway
- intensive care

Integral LCD screen

provides an optimal view in a variety of light conditions



Ergonomic design

ensures i-view is comfortable and instinctive to use



On/Off switch

i-view is ready to use seconds after removing from the packaging

Camera and LED light

for optimal visualisation



Macintosh blade

i-view can also be used for direct as well as video laryngoscopy

| Code | Description | Box Qty. |
|-------------|---------------------------|----------|
| 8008000 NEW | i-view video laryngoscope | 8 |

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Reprocessable laryngoscope handles

As part of our expanding range of airway devices and accessories, we have introduced a range of reprocessable fibreoptic laryngoscope handles. All handles are ISO7376 compliant, providing superior illumination to incandescent bulbs and a reduced risk of mucosal burns.

Our Hyper LED range offers superior light intensity in three different profiles - standard, slim and short.



| Code | Description | Box Qty. |
|-------------|--|----------|
| 7111000 NEW | Hyper LED standard reprocessable laryngoscope handle | 1 |
| 7112000 NEW | Hyper LED short reprocessable laryngoscope handle | 1 |
| 7113000 NEW | Hyper LED slim reprocessable laryngoscope handle | 1 |

[Make an enquiry](#)

References:

1. Dorsch J.A. & Dorsch, S.E. 2012. Understanding Anesthesia Equipment. 5th edition. Lippincott Williams & Wilkins. Philadelphia.

Metal single use laryngoscope blades

A comprehensive range of single-use, stainless steel laryngoscope blades in Macintosh and Miller profiles providing the strength of a reusable metal blade, without the risk of cross-infection.

All Intersurgical metal blades are individually packaged and are compatible with ISO7376 green specification handles, as indicated by the green heel of the blade.



Macintosh style



| Code | Description | Size | Box Qty. |
|-------------|--|------|----------|
| 7145000 NEW | Metal laryngoscope blade, fibre optic, Macintosh | 5 | 5 |
| 7144000 NEW | Metal laryngoscope blade, fibre optic, Macintosh | 4 | 40 |
| 7143000 NEW | Metal laryngoscope blade, fibre optic, Macintosh | 3 | 40 |
| 7142000 NEW | Metal laryngoscope blade, fibre optic, Macintosh | 2 | 10 |
| 7141000 NEW | Metal laryngoscope blade, fibre optic, Macintosh | 1 | 10 |

[Make an enquiry](#)

Miller style



| Code | Description | Size | Box Qty. |
|-------------|---|------|----------|
| 7242000 NEW | Metal laryngoscope blade, fibre optic, Miller | 2 | 40 |
| 7241000 NEW | Metal laryngoscope blade, fibre optic, Miller | 1 | 10 |
| 7240000 NEW | Metal laryngoscope blade, fibre optic, Miller | 0 | 10 |

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Plastic single use laryngoscope blades

Intersurgical plastic single use laryngoscope blades provide a safe, strong, light and cost-effective alternative to reusable metal versions. The range of Miller and Macintosh blades provides effective illumination and visualisation of the airway to aid with intubation and airway clearance. Our blades are compatible with the ISO7376 green specification handles, as indicated by the green dot near the heel of the blade.



High optical light transmission

Provides the user with an excellent light transfer to the blade tip

Single construction blade made from high impact grade ABS plastic

Rigid blade which is a cost effective, disposable alternative to reusable and disposable metal blades

Engagement to handle click mechanism via two plastic lugs

Provides secure and positive connection of the blade to the handle

Ultra smooth blade with matt finish

Smooth transition into the airway and easy passage of the tube, with no light reflection off the blade

Macintosh style



Miller style



Code Description

| Code | Description | Size | Box Qty. |
|---------|--|------|----------|
| 7044000 | Plastic laryngoscope blade, fibre optic, Macintosh | 4 | 40 |
| 7043000 | Plastic laryngoscope blade, fibre optic, Macintosh | 3 | 40 |
| 7042000 | Plastic laryngoscope blade, fibre optic, Macintosh | 2 | 50 |

Code Description

| Code | Description | Size | Box Qty. |
|---------|---|------|----------|
| 7041000 | Plastic laryngoscope blade, fibre optic, Miller | 1 | 70 |
| 7040000 | Plastic laryngoscope blade, fibre optic, Miller | 0 | 70 |

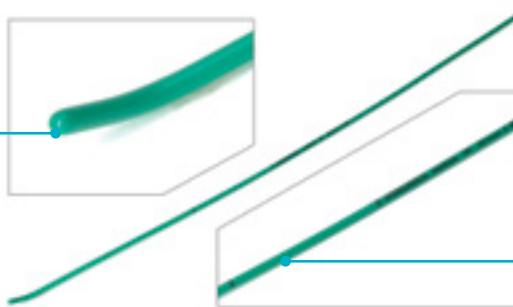
[Make an enquiry](#)

InterGuide tracheal tube introducer

InterGuide is a flexible tracheal tube introducer commonly known as a bougie. It allows positive location of the trachea and subsequent placement of the endotracheal tube in difficult airway situations. InterGuide is single use, latex free and supplied sterile in easy-to-open individual packs.

Atraumatic coudé tip

To reduce the potential for patient trauma



Low-friction surface

For easy insertion and operation

| Code | Description | Size | Outer Diameter (OD) | Length | Box Qty. | |
|---------|--|------|---------------------|--------|----------|--|
| 8070015 | InterGuide tracheal tube introducer bougie | 15FR | 5.0mm | 700mm | 10 | |
| 8070010 | InterGuide tracheal tube introducer bougie | 10FR | 3.3mm | 700mm | 10 | |
| 8070006 | InterGuide tracheal tube introducer bougie | 6FR | 2.0mm | 530mm | 10 | |

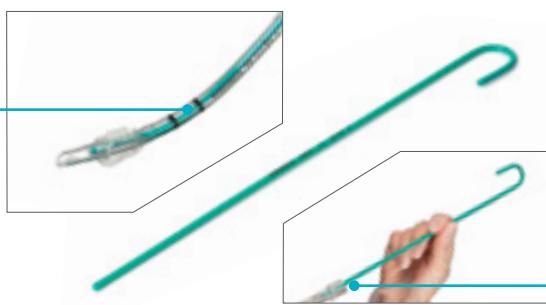
[Make an enquiry](#)

InterForm intubating stylet

InterForm is a malleable stylet, allowing the user to form the endotracheal tube into a suitable shape to ease insertion and give more control of the airway device. InterForm is single use, latex free and supplied sterile in easy-to-open individual packs.

Aluminium core

Allows user to easily form suitable shapes



Low-friction surface

For easy insertion and removal

| Code | Description | Size | Outer Diameter (OD) | Length | Box Qty. | |
|---------|-----------------------------|------|---------------------|--------|----------|--|
| 8080014 | InterForm intubating stylet | 14FR | 4.7mm | 340mm | 10 | |
| 8080010 | InterForm intubating stylet | 10FR | 3.3mm | 340mm | 10 | |
| 8080006 | InterForm intubating stylet | 6FR | 2.0mm | 275mm | 10 | |

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Sterile



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OptiLube™ sachets of lubricant

For use with supraglottic airways, endotracheal tubes and naso/oropharyngeal airways

To complement our wide range of airway devices, we are delighted to announce the addition of sachets of lubricant to our product portfolio as a service to our customers.

OptiLube sachets of lubricant contain 5g of water soluble lubricating jelly for use in the preparation of airway devices such as supraglottic airways, endotracheal tubes and naso/oropharyngeal airways. It can also be used to prime the gastric channel of second generation airway devices such as the i-gel® or lubricate suction and orogastric tubes.

OptiLube sachets are harmless to human tissue and will not injure rubber, metal appliances, instruments and natural or synthetic textiles.



| Code | Description | Box Qty. |
|---------|------------------------------------|----------|
| 5469000 | OptiLube, sachets of lubricant, 5g | 150 |

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OptiLube is a trademark of Optimum Medical Solutions.



Patient Connections



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Double swivel elbows

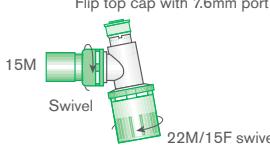
A range of double swivel elbows providing added mobility at the patient connection, with a variety of ports for all clinical applications. For added safety all Intersurgical port caps are fixed to the connectors, to prevent loss or misplacement in use.

Please see page 4 for our guide to ports and caps.

 Video available at www.intersurgical.com



| |
|---|
|  |
| 15M Swivel 22M/15F swivel |
| Code 1897000 (S*) |
| Box Qty. 35 (15*) |
| Compressible Volume 12ml |

| |
|---|
|  |
| 15M Swivel 22M/15F |
| Code 1899000 (S*) |
| Box Qty. 30 (15*) |
| Compressible Volume 12ml |

| |
|--|
|  |
| 15M Swivel 22M/15F |
| Covers 7.6mm and 9.5mm applications |
| Code 1898000 (S*) |
| Box Qty. 30 (15*) |
| Compressible Volume 12ml |



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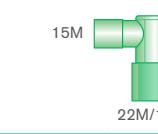
Fixed elbows

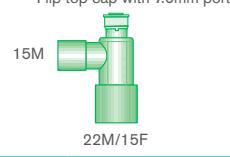
A range of fixed elbow connections with a variety of ports for a number of clinical applications. For added safety all Intersurgical port caps are fixed to the connectors, to prevent loss or misplacement in use.

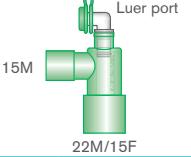
Please see page 4 for our guide to ports and caps.

 Video available at www.intersurgical.com



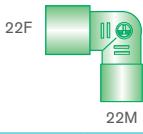
| |
|---|
|  |
| 15M 22M/15F |
| Code 1997000 (S*) |
| Box Qty. 30 (15*) |
| Compressible Volume 10ml |

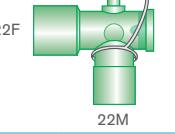
| |
|---|
|  |
| 15M 22M/15F |
| Code 1993000 |
| Box Qty. 30 |
| Compressible Volume 10ml |

| |
|--|
|  |
| 15M 22M/15F |
| Code 2714000 (S*) |
| Box Qty. 25 (15*) |
| Compressible Volume 11ml |

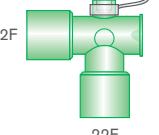


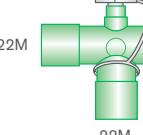
| |
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|  |
| 15M 8.5F |
| Code 1883000 |
| Box Qty. 70 |

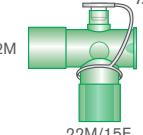
| |
|---|
|  |
| 22F 22M |
| Code 1992000 |
| Box Qty. 25 |

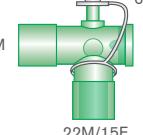
| |
|--|
|  |
| 22F 22M |
| Code 1991000 |
| Box Qty. 20 |

| |
|---|
|  |
| 22F 22M/15F |
| Code 1893000 |
| Box Qty. 25 |

| |
|---|
|  |
| 22F 22M |
| Code 1891000 |
| Box Qty. 25 |

| |
|---|
|  |
| 22M 22M |
| Code 1892000 |
| Box Qty. 25 |

| |
|---|
|  |
| 22M 22M/15F |
| Code 1995000 |
| Box Qty. 25 |

| |
|---|
|  |
| 22M 22M/15F |
| Code 1990000 |
| Box Qty. 25 |

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 Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).

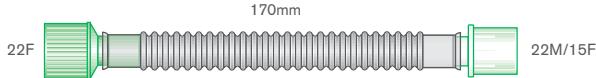
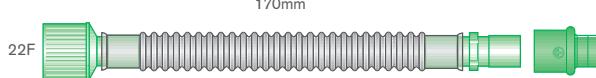
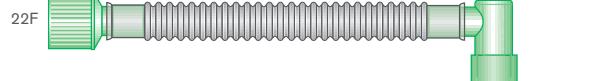
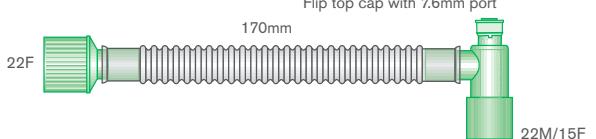
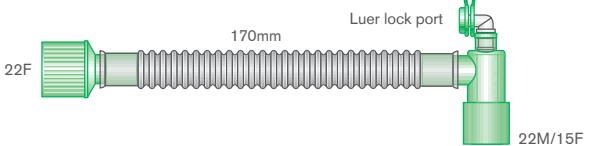
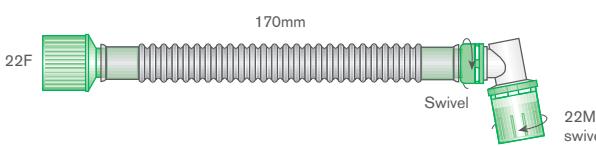
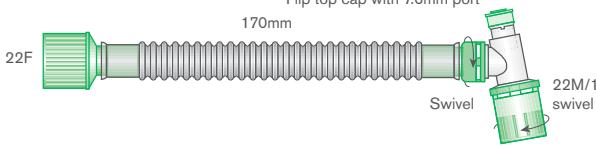
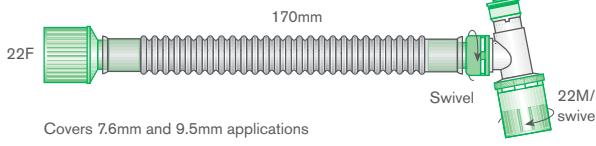
Flexible catheter mounts

A range of flexible catheter mounts available with a variety of elbow connections and ports for all applications. For added safety all Intersurgical port caps are fixed to the connectors, to prevent loss or misplacement in use.

Please see page 4 for our guide to ports and caps.

Video available at www.intersurgical.com



| | |
|--|---|
|  <p>Code 3511000 Box Qty. 50 Compressible Volume 44ml</p> | <p>Nasal catheter mount</p>  <p>Code 3517000 Box Qty. 50 Compressible Volume 43ml</p> |
|  <p>Code 3501000 (S*) Box Qty. 50 (85*) Compressible Volume 45ml</p> |  <p>Code 3508000 Box Qty. 50 Compressible Volume 49ml</p> |
|  <p>Code 3515000 Box Qty. 40 Compressible Volume 50ml</p> |  <p>Code 3506000 Box Qty. 50 Compressible Volume 48ml</p> |
|  <p>Code 3516000 (S*) Box Qty. 50 (85*) Compressible Volume 47ml</p> |  <p>Code 3505000 (S*) Box Qty. 50 (85*) Compressible Volume 48ml</p> |

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 **S** Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).



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Superset™ catheter mounts

Superset catheter mounts have a concertina design to allow for complete positioning control.

The design allows the adjustment of compressible volume and the adjustment of length from 70mm to 150mm, excluding connectors.

The range is available with fixed and double swivel elbows and a variety of ports for all applications. For added safety all Intersurgical port caps are fixed to the connectors, to prevent loss or misplacement in use.

Please see page 4 for the guide to ports and caps.



Video available at www.intersurgical.com

| | | | |
|----------------------------|----------|-------|---------|
| | 70-150mm | 22F | 22M/15F |
| Code 3504000 (S*) | | | |
| Box Qty. | 75 | (75*) | |
| Compressible Volume | 22-43ml | | |

| | | | |
|----------------------------|----------|-------|---------|
| | 70-150mm | 22F | 22M/15F |
| Code 3502000 (S*) | | | |
| Box Qty. | 75 | (40*) | |
| Compressible Volume | 23-44ml | | |

| | | | |
|----------------------------|----------|----------------|-----|
| | 70-150mm | Luer lock port | 22F |
| Code 3514000 (S*) | | | |
| Box Qty. | 75 | (40*) | |
| Compressible Volume | 26-47ml | | |

| | | | |
|----------------------------|----------|-----|--------|
| | 70-150mm | 22F | Swivel |
| Code 3512000 | | | |
| Box Qty. | 75 | | |
| Compressible Volume | 27-47ml | | |

| | | | |
|----------------------------|----------|------------------------------|-----|
| | 70-150mm | Flip top cap with 7.6mm port | 22F |
| Code 3520000 (S*) | | | |
| Box Qty. | 75 | (40*) | |
| Compressible Volume | 23-47ml | | |

| | | | |
|-------------------------------------|----------|-------------------------------|-----|
| | 70-150mm | Double flip top cap with seal | 22F |
| Covers 7.6mm and 9.5mm applications | | | |
| Code 3521000 (S*) | | | |
| Box Qty. | 75 | (40*) | |
| Compressible Volume | 26-50ml | | |

| | | | |
|----------------------------|----------|------------|-----|
| | 49-100mm | 7.6mm port | 15M |
| Code 3535000 | | | |
| Box Qty. | 15 | | |
| Compressible Volume | 13-16ml | | |

| | | | |
|----------------------------|----------|------------|-----|
| | 49-100mm | 7.6mm port | 15M |
| Code 3534000 | | | |
| Box Qty. | 25 | | |
| Compressible Volume | 10-13ml | | |

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Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).

Smoothbore catheter mounts

A range of Smoothbore catheter mounts providing good flow characteristics, lower tubing compliance and clear, crush-resistant tubing. Available in a variety of lengths with double swivel elbows and double flip top caps. For added safety all Intersurgical port caps are fixed to the connectors, to prevent loss or misplacement in use.

Please see page 4 for the guide to ports and caps.



Video available at www.intersurgical.com

| | |
|---------------------------------|--------------------------|
| | Code 5120000 (S*) |
| Box Qty. 50 (85*) | |
| Compressible Volume 30ml | |

| | |
|---------------------------------|--------------------------|
| | Code 5180000 (S*) |
| Box Qty. 50 (85*) | |
| Compressible Volume 37ml | |

| | |
|---------------------------------|--------------------------|
| | Code 5180104 (S*) |
| Box Qty. 50 (85*) | |
| Compressible Volume 25ml | |

| | |
|---------------------------------|--------------------------|
| | Code 5180114 (S*) |
| Box Qty. 50 (85*) | |
| Compressible Volume 36ml | |

| | |
|---------------------------------|--------------------------|
| | Code 5180193 (S*) |
| Box Qty. 50 (85*) | |
| Compressible Volume 35ml | |

| | |
|---------------------------------|--------------------------|
| | Code 5180197 (S*) |
| Box Qty. 50 (85*) | |
| Compressible Volume 35ml | |

| | |
|---------------------------------|--------------------------|
| | Code 5180199 (S*) |
| Box Qty. 50 (85*) | |
| Compressible Volume 35ml | |

| | |
|---------------------------------|--------------------------|
| | Code 5250000 (S*) |
| Box Qty. 50 (50*) | |
| Compressible Volume 51ml | |

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S Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).



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Clear patient connections – reprocessable

A range of reprocessable clear, latex-free connectors with added grip feature to help with the 'push & twist' method to ensure a good gas-tight fit.

The reusable range of polysulfone connectors are designed for use with silicone and Hytrel® tubing. The transparent material allows excellent visibility through the connector. Good dimensional stability over a broad temperature range makes them ideal for reprocessing by steam sterilisation.

| | |
|---|----------------|
|  | Luer lock port |
| 15M | 22M/15F |
| Code | 9114000 |
| Box Qty. | 5 |

| | |
|---|---------|
|  | 15M |
|  | 22M/15F |
| Code | 9115000 |
| Box Qty. | 5 |

| | | | | |
|---|---------|-------|---|---------|
|  | 22M/15F | 140mm |  | 22F |
| Code | | | | 9120000 |
| Box Qty. | | | | 5 |

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S Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).

Hytrel is a registered trademark of DuPont.





Breathing Filters, HMEs and HMEFs



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Use of Breathing Filters

Breathing filters provide an effective barrier that prevent cross contamination between patients, respiratory breathing systems, equipment and the clinical environment. Their use is widely recognised as beneficial and is recommended by a number of Anaesthetic Associations¹.

The threat to patients

Patients who require an artificial airway have their natural physiological protection bypassed. This will increase the risk of cross contamination between patients and healthcare equipment. The cross contamination of patients via an anaesthetic system has been reported, and documented areas of concern regarding infection includes *Hepatitis C*, *Mycobacterium tuberculosis*, blood in sputum and the *SARS* virus.

Critically ill patients are commonly at risk of infection and particularly from Ventilator Associated Pneumonia (V.A.P.). This nosocomial infection increases morbidity and potential mortality as well as the cost of treating the patient. The strategic use of an efficient breathing filter will provide an effective barrier between patients, breathing systems and ventilatory equipment.

Proven efficiency

The Intersurgical range of breathing filters has been designed for the protection of the patient, breathing system and equipment. They have been independently tested and proven to be highly efficient in preventing the passage of bacteria and viruses. Clinically relevant testing is carried out on all products using *Bacillus subtilis* ($1.0\mu\text{m} \times 0.7\mu\text{m}$) and Ø174 bacteriophage, additional testing includes *Mycobacterium tuberculosis* ($0.3\mu\text{m} \times 1.0\mu\text{m}$), *Hepatitis C* ($0.03\mu\text{m}$) and *MS-2 coliphage* ($0.02\mu\text{m}$). These tests provide you with clinically relevant information to allow evidence-based decisions to be made on the most appropriate product to meet your clinical requirements.

Potential infectious viruses [Particle sizes μ microns]



- Coliphage T1 [0.017μ]
- MS-2 coliphage [0.02μ]
- Hepatitis C [0.03μ]
- Adenovirus [0.07μ]

Essential requirements

The Intersurgical range of breathing filters offers a choice of electrostatic and pleated mechanical filters with a range of patient connections, providing a choice of products to meet various clinical situations.

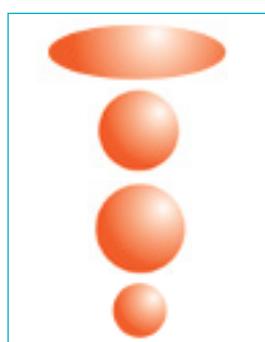
- Independently validated Filtration Efficiency²
- Proven filtration against *Mycobacterium tuberculosis* and *Hepatitis C*
- Proven efficiency not affected by anaesthetic agent
- Safe inert material
- Option of patient connections – conveniently packed and ready for use
- Lightweight – reducing patient trauma
- Low compressible volume – reducing rebreathing of CO_2
- Low resistance to flow – over 24 hours
- Safe, secure ISO connectors
- Compliance to all relevant international standards

Filtration efficiency

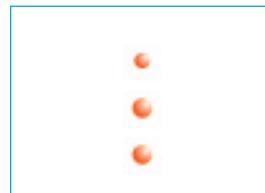
Filtration performance is determined by independent microbiological testing against clinically relevant bacterial and viral challenges. The level of breakthrough of the challenge determines the efficiency. This efficiency is reported as a percentage based upon this break-through.

| Number of organisms challenging the filter | Number of organisms passing through the filter | Efficiency of the filter |
|--|--|--------------------------|
| 100,000 | 1,000 | 99% |
| | 100 | 99.9% |
| | 10 | 99.99% |
| | 1 | 99.999% |

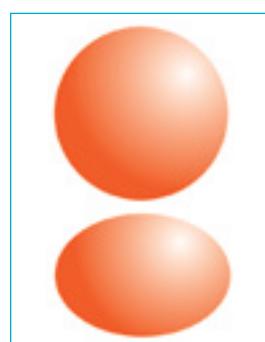
Potential infectious bacteria [Particle sizes μ microns]



- Mycobacterium tuberculosis* [$0.3\mu \times 1.0\mu$ smallest size]
- Serratia marcescens* [0.45μ]
- Pseudomonas aeruginosa* [0.5μ]
- Brevundimonas diminuta* [0.3μ]



- HIV* [0.11μ]
- Cytomegalovirus (CMV)* [0.1μ]
- Orthomyxovirus* [0.1μ]



- Staphylococcus aureus* [1.0μ]
- Bacillus subtilis* [$1.0\mu \times 0.7\mu$]

References

1. Association of Anaesthetists of Great Britain and Ireland 1996. Danish Society of Anaesthetists 1998. French Society of Anaesthetists 1998.
 2. All filters are independently validated for filtration efficiency at the Health Protection Agency, Porton Down, Salisbury, Wiltshire, U.K and Nelson Laboratories Inc, USA.
- All quoted performance figures are mean values.

Filta-Guard™ range

High-efficiency

A dedicated breathing filter designed for use in breathing systems in anaesthesia and intensive care, the high-efficiency Filta-Guard protects the patient, hospital personnel and equipment from potential microbial contamination. The Flow diffuser improves performance and optimises resistance to flow.

[Make an enquiry](#)


| Code | 1944000 | 1944003 | 1944011 |
|-------------------------------|------------------------|-------------------------|---------------------------------------|
| Box Qty. | 70 | 70 | 20 |
| Luer lock port | | ✓ | ✓ |
| Filtration efficiency | >99.999% | >99.999% | >99.999% |
| Resistance to flow at 30L/min | 1.0cm H ₂ O | 1.0cm H ₂ O | 1.1cm H ₂ O |
| Resistance to flow at 60L/min | 2.3cm H ₂ O | 2.48cm H ₂ O | 2.8cm H ₂ O |
| Compressible volume | 67ml | 67ml | 67ml* |
| Weight | 40g | 41g | 54g |
| Connections | 22F-22M/15F | 22F-22M/15F | 22F-22M/15F |
| Minimum tidal volume | >200ml | >200ml | >200ml |
| Accessories | | | Superset™ catheter mount** 3504000 |

Inter-Guard™ range

Sterile

The Inter-Guard range of sterile breathing filters is designed for use in breathing systems in the operating theatre and the intensive care unit for the protection of the patient, breathing system and equipment. The perfect combination between size and performance.

[Make an enquiry](#)


| Code | 1344007S | 1344000S | 1344711S |
|-------------------------------|------------------------|------------------------|---------------------------------------|
| Box Qty. | 50 | 50 | 50 |
| Luer lock port | | ✓ | |
| Filtration efficiency | >99.998% | >99.998% | >99.998% |
| Resistance to flow at 30L/min | 0.8cm H ₂ O | 0.8cm H ₂ O | 1.1cm H ₂ O |
| Resistance to flow at 60L/min | 2.0cm H ₂ O | 2.0cm H ₂ O | 2.7cm H ₂ O |
| Compressible volume | 41ml | 42ml | 42ml* |
| Weight | 22g | 23g | 36g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F |
| Minimum tidal volume | >150ml | >150ml | >150ml |
| Accessories | | | Superset™ catheter mount** 3504000 |

S Sterile

* Filter only

** Refer to information on catheter mount volumes in Patient Connections.


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Clear-Guard™ range

Medium efficiency

The Clear-Guard range of breathing filters includes a number of options, all designed for use in breathing and anaesthetic systems for the protection of the patient, hospital personnel and the equipment from potential microbial contamination. Designed with a rounded ergonomic polypropylene housing, the Clear-Guard 3 range represents our most cost-effective filter option, and is available with an integral 90° elbow, reducing the need for an additional catheter mount or separate patient elbow.

The Clear-Guard Midi low volume filter provides a further option with minimum deadspace; ideal for use in anaesthesia.

[Make an enquiry](#)



Clear-Guard 3

| Code | 1544007 | 1544000 | 1544011 | 1544012 |
|-------------------------------|------------------------|------------------------|---------------------------------------|--|
| Box Qty. | 150 | 150 | 75 | 75 |
| Luer lock port | | ✓ | ✓ | ✓ |
| Filtration efficiency | >99.99% | >99.99% | >99.99% | >99.99% |
| Resistance to flow at 30L/min | 0.9cm H ₂ O | 0.8cm H ₂ O | 0.9cm H ₂ O | 1.2cm H ₂ O |
| Resistance to flow at 60L/min | 1.9cm H ₂ O | 1.9cm H ₂ O | 2.5cm H ₂ O | 3.3cm H ₂ O |
| Compressible volume | 60ml | 60ml | 60ml* | 60ml* |
| Weight | 27g | 28g | 42g | 43g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F |
| Minimum tidal volume | >200ml | >200ml | >200ml | >200ml |
| Accessories | | | Superset™ catheter mount** 3504000 | Superset™ catheter mount with fixed elbow** 3502000 |



| Code | 1544197 | 1544351 | 1545000 |
|-------------------------------|------------------------|--|------------------------|
| Box Qty. | 50 | 70 | 75 |
| Luer lock port | ✓ | ✓ | ✓ |
| Filtration efficiency | >99.99% | >99.99% | >99.99% |
| Resistance to flow at 30L/min | 1.0cm H ₂ O | 1.2cm H ₂ O | 0.8cm H ₂ O |
| Resistance to flow at 60L/min | 2.5cm H ₂ O | 3.6cm H ₂ O | 2.1cm H ₂ O |
| Compressible volume | 60ml* | 60ml* | 75ml |
| Weight | 34g | 45g | 34g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F |
| Minimum tidal volume | >200ml | >200ml | >225ml |
| Accessories | Fixed elbow 1997000 | Flexible catheter mount with fixed elbow** 3501000 | |

* Filter only

** Refer to information on catheter mount volumes in Patient Connections.

Clear-Guard™ range

[Make an enquiry](#)



Clear-Guard Midi

| Code | 1644000 | 1644007 | 1644011 | 1644012 |
|-------------------------------|------------------------|------------------------|---------------------------------------|--|
| Box Qty. | 100 | 100 | 75 | 75 |
| Luer lock port | ✓ | ✓ | ✓ | ✓ |
| Filtration efficiency | >99.9% | >99.9% | >99.9% | >99.9% |
| Resistance to flow at 30L/min | 0.7cm H ₂ O | 0.7cm H ₂ O | 0.9cm H ₂ O | 1.0cm H ₂ O |
| Resistance to flow at 60L/min | 1.8cm H ₂ O | 1.8cm H ₂ O | 2.2cm H ₂ O | 2.8cm H ₂ O |
| Compressible volume | 34ml | 34ml | 34ml* | 34ml* |
| Weight | 19g | 19g | 33g | 33g |
| Connectors | 22F-22M/15F | 22F-22M/15F | 22F-22M/15F | 22F-22M/15F |
| Minimum tidal volume | >100ml | >100ml | >100ml | >100ml |
| Accessories | | | Superset™ catheter mount** 3504000 | Superset™ catheter mount with fixed elbow** 3502000 |



Clear-Guard Midi

| Code | 1644137 |
|-------------------------------|------------------------|
| Box Qty. | 50 |
| Luer lock port | |
| Filtration efficiency | >99.9% |
| Resistance to flow at 30L/min | 1.0cm H ₂ O |
| Resistance to flow at 60L/min | 3.0cm H ₂ O |
| Compressible volume | 34ml* |
| Weight | 25g |
| Connectors | 22F - mouthpiece |
| Minimum tidal volume | >100ml |
| Accessories | mouthpiece |

* Filter only

** Refer to information on catheter mount volumes in Patient Connections.



Hydro-Guard™ range

Pleated membrane filter

A versatile, low-volume breathing filter with a pleated mechanical membrane for use in anaesthesia as an HMEF (moisture return: 23mg H₂O/L at VT 500ml), or in ITU as a filter only. Available as a sterile option if required.

[Make an enquiry](#)


| Code | 1745000 | 1745011 | 1745012 | 1745197 |
|-------------------------------|------------------------|---------------------------------------|---|--------------------------|
| Box Qty. | 40 | 75 | 75 | 50 |
| Luer lock port | ✓ | ✓ | ✓ | ✓ |
| Filtration efficiency | >99.999% | >99.999% | >99.999% | >99.999% |
| Resistance to flow at 30L/min | 1.3cm H ₂ O | 1.4cm H ₂ O | 1.7cm H ₂ O | 1.6cm H ₂ O |
| Resistance to flow at 60L/min | 2.9cm H ₂ O | 3.4cm H ₂ O | 4.4cm H ₂ O | 3.9cm H ₂ O |
| Compressible volume | 63ml | 63ml* | 63ml* | 63ml* |
| Weight | 30g | 44g | 45g | 37g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F |
| Minimum tidal volume | >200ml | >200ml | >200ml | >200ml |
| Accessories | | Superset™ catheter mount** 3504000 | Superset™ catheter mount with fixed elbow** 3502000 | fixed elbow** 1997000 |



| Code | 1745711 | 1745180 | 1744000S S | 1744011S S | 1744580S S |
|-------------------------------|--|--|------------------------|---------------------------------------|--|
| Box Qty. | 75 | 100 | 50 | 50 | 50 |
| Luer lock port | ✓ | ✓ | ✓ | ✓ | ✓ |
| Filtration efficiency | >99.999% | >99.999% | >99.999% | >99.999% | >99.999% |
| Resistance to flow at 30L/min | 1.7cm H ₂ O | 1.5cm H ₂ O | 1.7cm H ₂ O | 1.6cm H ₂ O | 1.73cm H ₂ O |
| Resistance to flow at 60L/min | 4.4cm H ₂ O | 3.4cm H ₂ O | 3.6cm H ₂ O | 3.7cm H ₂ O | 4.0cm H ₂ O |
| Compressible volume | 63ml* | 63ml* | 63ml | 63ml* | 63ml* |
| Weight | 50g | 59g | 36g | 50g | 62g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F |
| Minimum tidal volume | >200ml | >200ml | >200ml | >200ml | >200ml |
| Accessories | Superset™ catheter mount with detachable elbow** 3504000 1997000 | Smoothbore catheter mount** 5180000 | | Superset™ catheter mount** 3504000 | Smoothbore catheter mount with double swivel elbow and double flip top cap** 5180001S |

S Sterile

* Filter only

** Refer to information on catheter mount volumes in Patient Connections.

Flo-Guard

Low-resistance breathing filter for CPAP and bilevel

Flo-Guard provides a combination of filtration performance with low-resistance, ideal for use in both the hospital and the home, where high flow rates may be used, including CPAP, bilevel and cough-assist applications.

Electrostatic filter media

Providing an excellent filtration efficiency

Large surface area

To reduce resistance to flow

Clear housing

For good visibility

Conical shape

To aid airflow



| Code | 1690000 |
|------------------------|-------------------------|
| Box Qty. | 50 |
| Filtration efficiency | >99.99% |
| Resistance at 30L/min | 0.4 cm H ₂ O |
| Resistance at 60L/min | 0.8cm H ₂ O |
| Resistance at 90L/min | 1.4cm H ₂ O |
| Resistance at 120L/min | 2.0cm H ₂ O |
| Resistance at 150Lmin | 2.7cm H ₂ O |
| Resistance at 180L/min | 3.4cm H ₂ O |
| Resistance at 210L/min | 4.3cm H ₂ O |
| Resistance at 240L/min | 5.1cm H ₂ O |
| Compressible volume | 80ml |
| Weight | 27.8g |
| Connectors | 22F-22M |



Make an enquiry



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Air-Guard™

For use in respiratory systems and oxygen concentrators

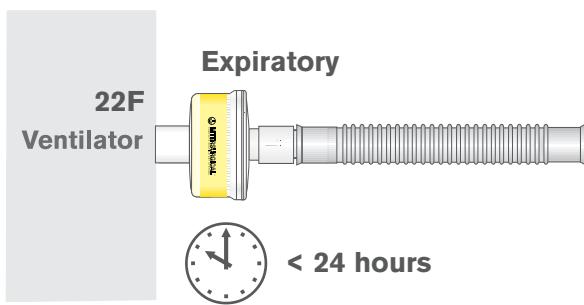
The Intersurgical Air-Guard is a hydrophobic pleated mechanical filter for the protection of oxygen concentrators and other respiratory equipment.

Providing an excellent level (>99.9999%) of protection against bacterial and viral challenges, the Air-Guard's product performance has been tested, validated and verified at independent microbiological laboratories.

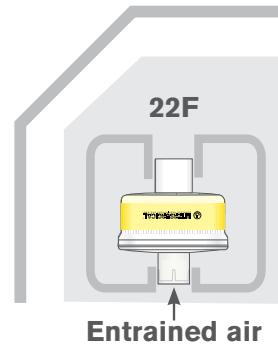
The Air Guard pleated mechanical filter is validated for 24-hours use but this can be extended when used in non-humidified gas flow. The product can be used for extended periods of time for the protection of oxygen concentrators, upon the discretion of the clinician.

Please note: This product is contraindicated for use at the patient connection end of the breathing system.

Respiratory system protection



Oxygen concentrator protection



Air-Guard Clear

| Code | 1790000 (S*) |
|-------------------------------|------------------------|
| Box Qty. | 50 (40*) |
| Filtration efficiency | >99.9999% |
| Resistance to flow at 30L/min | 0.9cm H ₂ O |
| Resistance to flow at 60L/min | 1.9cm H ₂ O |
| Compressible volume | 120ml |
| Weight | 56g |
| Connectors | 22F-22M/15F |
| Minimum Tidal Volume | >360ml |

[Make an enquiry](#)



S Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).

Intersurgical Pulmo-Protect™ lung function filter

Forced expiratory and inspiratory manoeuvres are used to assess a patient's lung function. This assessment helps diagnose the extent of any disease process in the patient's lung, as a pre and postoperative assessment, during smoking cessation and occupational health programmes.

During these tests patients may generate peak flows as high as 12 L/sec (720 LPM) and expel infective droplets, which could contaminate the pulmonary function test equipment. As a result cross infection between patients is a real risk¹.

Pulmo-Protect combines low resistance with a high bacterial and viral efficiency filter designed specifically to protect the patient and equipment during lung function tests.

Pulmo-Protect provides:

- Protection of pulmonary function test equipment
- High filtration properties reduces risk of contamination between patients
- Low resistance performance ensures efficacy of results and complies with ATS/ERS recommendations²
- Low functional volume
- Microbiological filtration effectiveness has been independently tested and validated to provide >99.99% efficiency against bacteria and viruses³
- Flexible, comfortable, disposable mouth piece helps with patient compliance and improve the effectiveness of the test
- Comfortable single patient nose clip prevents patient-to-patient touch contamination
- Device compatible range of colour coded filters available individually or as a complete pulmonary function test kit



Pulmo-Protect options

1691000

1691050

1691010

| For use with the following test devices | Pulmo-Protect lung function filter | Filter, mouthpiece and nose clip | Filter, flexible mouthpiece and nose clip |
|---|---|---|---|
| JAEGER®, MasterScreen, SensorMedics®, Vmax™, Micro Medical®, Chest and Microgard® | 1691000 (Qty 50) <input type="radio"/> | 1691050 (Qty 30) <input type="radio"/> | 1691010 (Qty 30) <input type="radio"/> |
| Medisoft, BodyBox, HypAir Compact + and SpiroAir | 1691001 (Qty 50) <input checked="" type="radio"/> | 1691051 (Qty 30) <input checked="" type="radio"/> | 1691011 (Qty 30) <input checked="" type="radio"/> |
| Fukuda Denshi®, SP-350 and Fudac-77 | 1691002 (Qty 50) | 1691052 (Qty 30) | 1691012 (Qty 30) |

Accessories

| Code | Description | Box Qty. |
|-------------|---|----------|
| 1691020 | Flexible mouthpiece | 10 |
| 1691040 | Nose clip | 35 |
| 1692001 NEW | Pulmo-Protect lung function filter adaptor for KoKo® ID 45mm compatible with 1691000 | 50 |
| 1692002 NEW | Pulmo-Protect lung function filter adaptor for COSMED X9 compatible with 1691000 | 50 |
| 1692003 NEW | Pulmo-Protect lung function filter adaptor for COSMED Flowmeter compatible with 1691000 | 50 |

Make an enquiry

References:

1. Journal of Respiratory Medicine 2005;09;015 An audit into the efficacy of single use bacterial/viral filters for the prevention of equipment contamination during lung function assessment.
2. European Respiratory Journal 2005; 26: 319–338 Standardisation of spirometry M.R. Miller, J. Hankinson, V. Brusasco, F. Burgos, et al. 3. Nelson Labs 771942B.1
4. Nelson Labs 771943B.1

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Heat and Moisture Exchangers (HMEs)

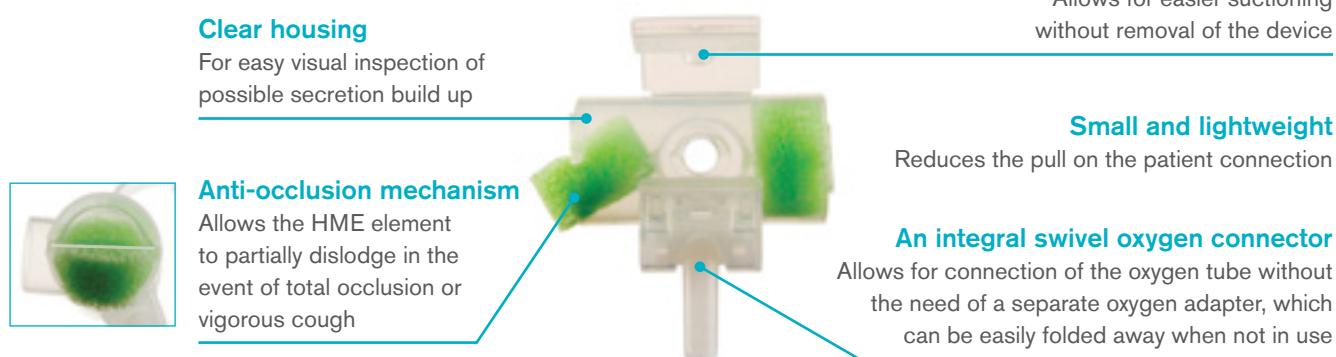
In normal respiration the anatomy of the upper airway helps to warm and humidify inspired air, and to retain the warmth and moisture contained in expired air. During inspiration, even cold or dry air is typically heated to 37 °C and, fully saturated, contains 44mg H₂O per litre. In mechanical ventilation or anaesthesia, the patient's upper airway may be bypassed by the introduction of a tracheal tube. As a result the patient's lungs may be confronted with cold dry inspired gas.

Prolonged exposure to dry ventilatory gases can lead to:

- Localised inflammation of the trachea
- A reduction in ciliary function
- Retention and thickening of secretions
- Lowering of patient temperature
- Reduction in cardiopulmonary function
- Increased risk of tracheostomy tube occlusion
- Extended duration and cost of care

Hydro-Trach™ T range

A heat and moisture exchanger designed for use on tracheostomised patients, the Hydro-Trach T is an ideal product for prolonged use with spontaneously breathing patients.



Video available at www.intersurgical.com



Average Fi O₂ at variable O₂ flow rates

| Oxygen (L/min) | Fi O ₂ at 15 BPM |
|----------------|-----------------------------|
| 1 | 26.5% |
| 2 | 32.2% |
| 3 | 35.0% |
| 4 | 38.2% |
| 5 | 41.8% |
| 6 | 44.9% |
| 7 | 47.9% |
| 8 | 50.6% |

[Make an enquiry](#)

S Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product

Hydro-Therm™ HME range

A dedicated range of Heat and Moisture Exchangers designed to replicate the functions of the body's upper airway by conserving expired heat and moisture and returning them to the patient during inhalation. The Hydro-Therm is a small volume, lightweight device which is clinically suitable over a wide range of patient sizes.

[Make an enquiry](#)


| Code | 1850000 | 1855000 |
|----------------------------|---------------------------|---------------------------|
| Box Qty. | 20 | 20 |
| Luer lock port | | ✓ |
| Moisture loss | 7.8mg H ₂ O/L | 7.8mg H ₂ O/L |
| Calculated moisture return | 30.8mg H ₂ O/L | 30.8mg H ₂ O/L |
| Resistance at 30L/min | 0.5cm H ₂ O | 0.5cm H ₂ O |
| Resistance at 60L/min | 1.6cm H ₂ O | 1.6cm H ₂ O |
| Compressible volume | 20ml | 20ml |
| Weight | 11.8g | 11.8g |
| Connectors | 15M-22M/15F | 15M-22M/15F |
| Minimum tidal volume | >60ml | >60ml |

Hydro-Therm™ 3 HME range

A dedicated range of Heat and Moisture Exchangers designed to replicate the functions of the body's upper airway by conserving expired heat and moisture and returning them to the patient during inhalation. The Hydro-Therm 3 is a large-volume HME with rounded housing for use in anaesthesia and intensive care.

[Make an enquiry](#)


| Code | 1560000 | 1560011 |
|----------------------------|---------------------------|---------------------------------------|
| Box Qty. | 150 | 75 |
| Luer lock port | ✓ | ✓ |
| Moisture loss | 6.7mg H ₂ O/L | 6.7mg H ₂ O/L |
| Calculated moisture return | 31.6mg H ₂ O/L | 31.6mg H ₂ O/L |
| Resistance at 30L/min | 0.2cm H ₂ O | 0.3cm H ₂ O |
| Resistance at 60L/min | 0.8cm H ₂ O | 1.3cm H ₂ O |
| Compressible volume | 59ml | 59ml* |
| Weight | 31g | 45g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22F/15M |
| Minimum tidal volume | >200ml | >200ml |
| Accessories | | Superset™ catheter mount** 3504000 |

* HME only

** Refer to information on catheter mount volumes in Patient Connections.


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The Heat and Moisture Exchanging Filters (HMEFs)

The range of Heat and Moisture Exchanging Filters (HMEFs) combines the filtration efficiency of dedicated breathing filters with optimum moisture return provided by the addition of an HME element. Designed for use at the patient connection.

Filta-Therm™ range

High efficiency

A high-efficiency HMEF offered with a variety of patient connections. Filta-Therm Plus (1941001) provides the optimum solution for intensive care with improved HME performance and high filtration efficiency.

[Make an enquiry](#)


| Code | 1941001 | 1941000 | 1942000 | 1941011 |
|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------------------|
| Box Qty. | 70 | 70 | 70 | 20 |
| Luer lock port | ✓ | ✓ | | ✓ |
| Moisture loss | 8.3mg H ₂ O/L | 8.1mg H ₂ O/L | 8.1mg H ₂ O/L | 8.1mg H ₂ O/L |
| Calculated moisture return | 30.3mg H ₂ O/L | 30.5mg H ₂ O/L | 30.5mg H ₂ O/L | 30.5mg H ₂ O/L |
| Filtration efficiency | >99.999% | >99.999% | >99.999% | >99.999% |
| Resistance at 30L/min | 1.1cm H ₂ O | 1.2cm H ₂ O | 1.2cm H ₂ O | 1.1cm H ₂ O |
| Resistance at 60L/min | 2.5cm H ₂ O | 2.6cm H ₂ O | 2.6cm H ₂ O | 2.8cm H ₂ O |
| Compressible volume | 65ml | 65ml | 66ml | 65ml* |
| Weight | 44g | 43g | 42g | 57g |
| Connectors | 22F-22M/15F | 22F-22M/15F | 22F-22M/15F | 22F-22M/15F |
| Minimum tidal volume | >200ml | >200ml | >200ml | >200ml |
| Accessories | | | | Superset™ catheter mount** 3504000 |



| Code | 1941197 | 1941351 | 1906000 | 2015000 |
|----------------------------|---------------------------|--|---------------------------|------------------------------------|
| Box Qty. | 50 | 20 | 70 | 20 |
| Luer lock port | ✓ | ✓ | ✓ | ✓ |
| Moisture loss | 8.1mg H ₂ O/L | 8.1mg H ₂ O/L | 9.9mg H ₂ O/L | 9.9mg H ₂ O/L |
| Calculated moisture return | 30.5mg H ₂ O/L | 30.5mg H ₂ O/L | 28.9mg H ₂ O/L | 28.9mg H ₂ O/L |
| Filtration efficiency | >99.999% | >99.999% | >99.999% | >99.999% |
| Resistance at 30L/min | 1.4cm H ₂ O | 1.4cm H ₂ O | 1.2cm H ₂ O | 1.2cm H ₂ O (HMEF only) |
| Resistance at 60L/min | 3.8cm H ₂ O | 4.0cm H ₂ O | 2.4cm H ₂ O | 2.4cm H ₂ O (HMEF only) |
| Compressible volume | 65ml* | 65ml* | 70ml | 70ml (HMEF only) |
| Weight | 49g | 60g | 45g | 45g (HMEF only) |
| Connectors | 22F-22M/15F | 22F-22M/15F | 22M-22M-22M/15F | 22F-22F-22M/15F |
| Minimum tidal volume | >200ml | >200ml | >210ml | >210ml |
| Accessories | Fixed elbow** 1997000 | Flexible catheter mount with fixed elbow** 3501000 | | Breathing system 1.6m |

* HMEF only

** Refer to information on catheter mount volumes in Patient Connections.

Inter-Therm™ range

Sterile

The Inter-Therm range of sterile HMEFs is designed for use in breathing systems in the operating theatre and intensive care unit.

The Inter-Therm includes a wound paper HME media, providing excellent humidification and low resistance properties.

Inter-Therm Mini Angled offers an easy to use option with an integral 90° elbow for paediatrics, reducing the need for an additional catheter mount or separate patient elbow.

Turbo webs

Evenly distributes the air flow to ensure all of the filter media is utilised

HME on the patient side

Ensuring low resistance to flow during use

Wound paper HME element

Providing high moisture return

Self retaining port cap

Improving patient safety



| Code | 1341000S S | 1341007S S | 1341197S S | 1341351S S |
|----------------------------|---------------------------|---------------------------|---------------------------|--|
| Box Qty. | 50 | 50 | 50 | 50 |
| Luer lock port | ✓ | | ✓ | ✓ |
| Moisture loss | 6mg H ₂ O/L |
| Calculated moisture return | 32.3mg H ₂ O/L |
| Filtration efficiency | >99.998% | >99.998% | >99.998% | >99.998% |
| Resistance at 30L/min | 1.6cm H ₂ O | 1.6cm H ₂ O | 1.5cm H ₂ O | 1.7cm H ₂ O |
| Resistance at 60L/min | 2.7cm H ₂ O | 2.7cm H ₂ O | 4.0cm H ₂ O | 4.6cm H ₂ O |
| Compressible volume | 57ml | 57ml | 57ml* | 57ml* |
| Weight | 31g | 30g | 38g | 47g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F |
| Minimum tidal volume | >180ml | >180ml | >180ml | >180ml |
| Accessories | | | Elbow** 1997000 | Flexible catheter mount with fixed elbow** 3501000 |
| Make an enquiry | | | | |



Sterile

* HMEF only

** Refer to information on catheter mount volumes in Patient Connections.



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Inter-Therm™ range

| Code | 1341211S S | 1341974S S | 1341011S S | 1341012S S |
|----------------------------|--|--|---------------------------------------|--|
| Box Qty. | 50 | 50 | 50 | 50 |
| Luer lock port | ✓ | ✓ | ✓ | ✓ |
| Moisture loss | 6mg H ₂ O/L | 6mg H ₂ O/L | 6mg H ₂ O/L | 6mg H ₂ O/L |
| Calculated moisture return | 32.3mg H ₂ O/L | 32.3mg H ₂ O/L | 32.3mg H ₂ O/L | 32.3mg H ₂ O/L |
| Filtration efficiency | >99.998% | >99.998% | >99.998% | >99.998% |
| Resistance at 30L/min | 1.4cm H ₂ O | 1.6cm H ₂ O | 1.4cm H ₂ O | 1.6cm H ₂ O |
| Resistance at 60L/min | 3.5cm H ₂ O | 4.4cm H ₂ O | 3.5cm H ₂ O | 4.4cm H ₂ O |
| Compressible volume | 57ml* | 57ml* | 57ml* | 57ml* |
| Weight | 49g | 51g | 45g | 46g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F |
| Minimum tidal volume | >180ml | >180ml | >180ml | >180ml |
| Accessories | Superset™ catheter mount and safety cap** 3504000 | Superset™ catheter mount with detachable fixed elbow** 3504000, 1997000 | Superset™ catheter mount** 3504000 | Superset™ catheter mount with fixed elbow** 3502000 |



| Code | 1341580S S | 1331000S S | 1331197S S | 1332000S S |
|----------------------------|---|---------------------------|---------------------------|---------------------------|
| Box Qty. | 50 | 50 | 30 | 50 |
| Luer lock port | ✓ | ✓ | ✓ | ✓ |
| Moisture loss | 6mg H ₂ O/L | 8.4mg H ₂ O/L | 8.4mg H ₂ O/L | 8.5mg H ₂ O/L |
| Calculated moisture return | 32.3mg H ₂ O/L | 30.2mg H ₂ O/L | 30.2mg H ₂ O/L | 30.1mg H ₂ O/L |
| Filtration efficiency | >99.998% | >99.99% | >99.99% | >99.99% |
| Resistance at 30L/min | 1.6cm H ₂ O | 2.2cm H ₂ O | 2.6cm H ₂ O | 2.2cm H ₂ O |
| Resistance at 60L/min | 3.9cm H ₂ O | N/A | N/A | N/A |
| Compressible volume | 57ml* | 28ml | 28ml* | 29ml |
| Weight | 58g | 20g | 27g | 19g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F | 15M-22M/15F |
| Minimum tidal volume | >180ml | >90ml | >90ml | >90ml |
| Accessories | Smoothbore catheter mount with double swivel elbow and double flip top cap** 5180000 | | Elbow** 1997000 | |

Make an enquiry

Sterile

* HMEF only

** Refer to information on catheter mount volumes in Patient Connections.

Clear-Therm™ range

Clear-Therm 3 and Clear-Therm Angled

HMEF for use in anaesthesia and intensive care with the option of an integral 90° elbow, reducing the need for an additional catheter mount or separate patient elbow.

[Make an enquiry](#)


| Code | 1541000 | 1541011 | 1541012 | 1541197 |
|----------------------------|---------------------------|---------------------------------------|--|---------------------------|
| Box Qty. | 150 | 75 | 75 | 50 |
| Luer lock port | ✓ | ✓ | ✓ | ✓ |
| Moisture loss | 7.8mg H ₂ O/L | 7.8mg H ₂ O/L | 7.8mg H ₂ O/L | 7.8mg H ₂ O/L |
| Calculated moisture return | 30.8mg H ₂ O/L | 30.8mg H ₂ O/L | 30.8mg H ₂ O/L | 30.8mg H ₂ O/L |
| Filtration efficiency | >99.99% | >99.99% | >99.99% | >99.99% |
| Resistance at 30L/min | 0.8cm H ₂ O | 1.0cm H ₂ O | 1.2cm H ₂ O | 1.2cm H ₂ O |
| Resistance at 60L/min | 2.1cm H ₂ O | 2.6cm H ₂ O | 3.4cm H ₂ O | 3.3cm H ₂ O |
| Compressible volume | 60ml | 60ml* | 60ml* | 60ml* |
| Weight | 29g | 44g | 45g | 36g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F |
| Minimum tidal volume | >200ml | >200ml | >200ml | >200ml |
| Accessories | | Superset™ catheter mount** 3504000 | Superset™ catheter mount with fixed elbow** 3502000 | Fixed elbow** 1997000 |



| Code | 1541351 | 1541974 | 1542000 |
|----------------------------|---|---|---------------------------|
| Box Qty. | 70 | 40 | 75 |
| Luer lock port | ✓ | ✓ | ✓ |
| Moisture loss | 7.8mg H ₂ O/L | 7.8mg H ₂ O/L | 7.4mg H ₂ O/L |
| Calculated moisture return | 30.8mg H ₂ O/L | 30.8mg H ₂ O/L | 31.1mg H ₂ O/L |
| Filtration efficiency | >99.99% | >99.99% | >99.99% |
| Resistance at 30L/min | 1.3cm H ₂ O | 1.2cm H ₂ O | 0.9cm H ₂ O |
| Resistance at 60L/min | 3.7cm H ₂ O | 3.5cm H ₂ O | 2.3cm H ₂ O |
| Compressible volume | 60ml* | 60ml* | 74ml |
| Weight | 47g | 50g | 38g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 22F/15M-22M/15F |
| Minimum tidal volume | >200ml | >200ml | >225ml |
| Accessories | Flexible catheter mount with fixed elbow** 3501000 | Superset™ catheter mount with detachable fixed elbow** 3504000 + 1997000 | |

* HMEF only

** Refer to information on catheter mount volumes in Patient Connections.



Clear-Therm™ range

Clear-Therm Midi

A low volume option for minimising dead space in anaesthesia.

[Make an enquiry](#)



| Code | 1641000 | 1641197 | 1641012 |
|----------------------------|---------------------------|---------------------------|---|
| Box Qty. | 100 | 50 | 75 |
| Luer lock port | ✓ | ✓ | ✓ |
| Moisture loss | 13.3mg H ₂ O/L | 13.3mg H ₂ O/L | 13.3mg H ₂ O/L |
| Calculated moisture return | 25.9mg H ₂ O/L | 25.9mg H ₂ O/L | 25.9mg H ₂ O/L |
| Filtration efficiency | >99.9% | >99.9% | >99.9% |
| Resistance at 30L/min | 0.9cm H ₂ O | 1.2cm H ₂ O | 1.2cm H ₂ O |
| Resistance at 60L/min | 2.1cm H ₂ O | 3.1cm H ₂ O | 3.2cm H ₂ O |
| Compressible volume | 34ml | 34ml* | 34ml* |
| Weight | 19g | 26g | 35g |
| Connectors | 22F-22M/15F | 22F-22M/15F | 22F-22M/15F |
| Minimum tidal volume | >100ml | >100ml | >100ml |
| Accessories | | Fixed elbow** 1997000 | Superset™ catheter mount with fixed elbow** 3504000 + 1997000 |

Clear-Therm Mini and Micro

For paediatrics and neonates.



| Code | 1831000 | 1831197 | 1441000 | 1441197 |
|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Box Qty. | 40 | 40 | 20 | 40 |
| Luer lock port | ✓ | ✓ | ✓ | ✓ |
| Moisture loss | 6.8mg H ₂ O/L | 6.8mg H ₂ O/L | 12.3mg H ₂ O/L | 12.3mg H ₂ O/L |
| Calculated moisture return | 31.7mg H ₂ O/L | 31.7mg H ₂ O/L | 26.8mg H ₂ O/L | 26.8mg H ₂ O/L |
| Filtration efficiency | >99.99% | >99.99% | >99.99% | >99.99% |
| Resistance at 30L/min | 1.5cm H ₂ O | 2.0cm H ₂ O | N/A | N/A |
| Resistance at 10L/min | N/A | N/A | 1.0cm H ₂ O | 0.9cm H ₂ O |
| Compressible volume | 26ml | 26ml* | 11ml | 11ml* |
| Weight | 22g | 29g | 11g | 19g |
| Connectors | 22F/15M-22M/15F | 22F/15M-22M/15F | 15M-15F | 15M -22m/15F |
| Minimum tidal volume | >90ml | >90ml | >35ml | >35ml |
| Accessories | | Fixed elbow** 1997000 | | Fixed elbow** 1997000 |

* HMEF only

** Refer to information on catheter mount volumes in Patient Connections.



Anaesthesia

A full range of anaesthetic breathing systems and accessories
for use in the operating room, recovery and emergency care.

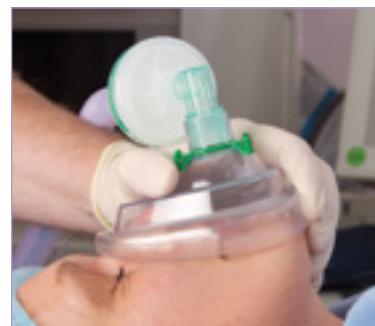
| | |
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Contact us



Anaesthetic Face Masks



ClearLite™ anaesthetic face masks

A range of anaesthetic face masks which includes seven sizes to meet the clinical needs of all patient types and sizes. The range is available in sizes 0 neonatal to size 6 large adult. Due to the enhanced anatomical design, the ClearLite mask offers superior seal performance with minimum pressure, reducing the risk of unnecessary discomfort or potential trauma. The superior seal will also assist the clinician in

providing optimum manual ventilation of the patient in both the anaesthetic and emergency situation.

ClearLite is non-PVC and phthalate free which significantly minimises the impact upon the environment. 

Lightweight mask

Provides enhanced grip and comfort in use for the clinician

Anatomical shape

Provides a precise fit for different face types and sizes. Minimum pressure required to achieve an effective seal reducing the risk of inadvertent trauma and nerve damage

Crystal clear body

Provides excellent visibility for confirmation that the patient is well perfused

Reduced mask volume

Reduces potential rebreathing and risks associated with elevated levels of end tidal CO₂



Safe and secure connection

This is achieved between the mask and the breathing system in use. The ISO 22mm tapered connection complies with ISO 5356

Reduce waste

Available without a hook ring

Flexible non inflatable cuff

Provides a comfortable and effective airtight seal

Colour-coding

The comfortable, flexible seal is colour coded to allow quick and easy identification of the correct sized mask

Low environmental impact

Non-PVC and phthalate free



 Video available at www.intersurgical.com



| Code | Code without hook ring | Description | Box Qty. |
|-------------|------------------------|---|--|
| 7296000 NEW | 7296001 NEW | ClearLite, anaesthetic face mask, size 6, extra large adult, red seal, 22F | 20  |
| 7295000 NEW | 7295001 NEW | ClearLite, anaesthetic face mask, size 5, large adult, orange seal, 22F | 35  |
| 7294000 NEW | 7294001 NEW | ClearLite, anaesthetic face mask, size 4, adult, green seal, 22F | 35  |
| 7293000 NEW | 7293001 NEW | ClearLite, anaesthetic face mask, size 3, small adult, yellow seal, 22F | 35  |
| 7292000 NEW | 7292001 NEW | ClearLite, anaesthetic face mask, size 2, paediatric, white seal, 22F | 25  |
| - | 7291000 NEW | ClearLite, anaesthetic face mask, size 1, infant, grey seal, no hook ring, 15M | 30  |
| - | 7290000 NEW | ClearLite, anaesthetic face mask, size 0, neonate, blue seal, no hook ring, 15M | 40  |

[Make an enquiry](#)



Lower environmental impact product



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QuadraLite™ anaesthetic face masks

A truly unique anaesthetic face mask

Unlike traditional face masks, QuadraLite does not use an inflatable cushion. Innovative moulding techniques have enabled the combination of two ideally suited materials to create a face mask with an anatomical shape and soft seal. This provides a comfortable superior airtight fit with a clear shell to enhance patient face visibility.

Four sizes for all patients

The QuadraLite range has only four sizes instead of the traditional seven, providing a solution for all patients due to its unique anatomical shape and requirement for minimal downward pressure to achieve an airtight seal.



Transparent shell

For excellent visibility

22F

Soft seal

A comfortable airtight fit with flexibility for different face sizes



The greener, safer choice

QuadraLite is manufactured from polypropylene and thermoplastic elastomer, contains no PVC and is phthalate-free.

Anatomical shape

Provides a precise fit combined with lower dead space

Colour-coding

Matches other Intersurgical products for easy selection



www.intersurgical.com/info/quadralite

Video available at www.intersurgical.com



| Code | Description | Box Qty. |
|---------|---|----------|
| 7194000 | QuadraLite, anaesthetic face mask, size 4, large adult, green seal, 22F (equivalent to traditional mask sizes 5–6) | 35 |
| 7193000 | QuadraLite, anaesthetic face mask, size 3, medium adult, yellow seal, 22F (equivalent to traditional mask sizes 3–5) | 35 |
| 7192000 | QuadraLite, anaesthetic face mask, size 2, small adult, white seal, 22F (equivalent to traditional mask sizes 2–3) | 25 |
| 7191000 | QuadraLite, anaesthetic face mask, size 1, infant, grey seal, no hook ring, 15M (equivalent to traditional mask sizes 0–1) | 30 |
| 7089000 | Anaesthetic face mask hook ring for both QuadraLite and EcoMask with 22mm port | 150 |

[Make an enquiry](#)

Lower environmental impact product

Scented anaesthetic face masks

In a range of sizes and scents

A range of scented single use PVC anaesthetic face masks with adjustable cushion, available in seven sizes and three scents: cherry, strawberry or vanilla, presented in a cool mint colour to help the patient relax.



Reduce waste

Available without a hook ring

Cushion valve at top (nose) of face mask

For user comfort

Scented

To help patient relax

Soft adjustable face cushion

For patient comfort and a good anatomical fit

Clear flexible housing

For good patient facial visibility

| Code | Code without hook ring | Description | Box Qty. |
|---------|------------------------|---|----------|
| 1126000 | 1126111 NEW | Scented, vanilla, anaesthetic face mask, size 6, extra large adult, 22F | 24 |
| 1125000 | 1125111 NEW | Scented, vanilla, anaesthetic face mask, size 5, large adult, 22F | 30 |
| 1124000 | 1124111 NEW | Scented, vanilla, anaesthetic face mask, size 4, medium adult, 22F | 40 |
| 1123000 | 1123111 NEW | Scented, vanilla, anaesthetic face mask, size 3, small adult, 22F | 50 |
| 1122000 | 1122111 NEW | Scented, cherry, anaesthetic face mask, size 2, paediatric, 22F | 35 |
| 1129000 | 1129111 NEW | Scented, strawberry, anaesthetic face mask, size 2, paediatric, 22F | 35 |
| 1121000 | 1121111 NEW | Scented, cherry, anaesthetic face mask, size 1, infant, 15M | 32 |
| 1128000 | 1128111 NEW | Scented, strawberry, anaesthetic face mask, size 1, infant, 15M | 32 |
| 1120000 | 1120111 NEW | Scented, cherry, anaesthetic face mask, size 0, neonate, 15M | 40 |
| 1127000 | 1127111 NEW | Scented, strawberry, anaesthetic face mask, size 0, neonate, 15M | 40 |

Make an enquiry



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Economy anaesthetic face masks

A range of seven colour-coded economy PVC anaesthetic face masks with a soft cushion and clear housing. Seven sizes from neonatal to extra large adult.

Clear flexible housing and cushion

For good patient visibility

Soft cushion

For patient comfort and air tight fit

Reduce waste

Available without a hook ring

Seven sizes available

From neonatal to extra large adult



| Code | Code without hook ring | Description | Box Qty. |
|---------|-----------------------------|--|----------|
| 1517000 | 1517111 NEW | Economy, anaesthetic face mask, size 6, extra large adult, 22F | 25 |
| 1516000 | 1516111 NEW | Economy, anaesthetic face mask, size 5, large adult, 22F | 30 |
| 1515000 | 1515111 NEW | Economy, anaesthetic face mask, size 4, medium adult, 22F | 40 |
| 1514000 | 1514111 NEW | Economy, anaesthetic face mask, size 3, small adult, 22F | 50 |
| 1513000 | 1513111 NEW | Economy, anaesthetic face mask, size 2, paediatric, 22F | 35 |
| 1512000 | 1512111 NEW | Economy, anaesthetic face mask, size 1, infant, 15M | 40 |
| 1511000 | 1511111 NEW | Economy, anaesthetic face mask, size 0, neonate, 15M | 50 |

[Make an enquiry](#)

Clear silicone round anaesthetic face masks

A range of flat round doughnut shaped masks for paediatric, infant, neonatal and premature patients.



| Code | Description | Box Qty. |
|---------|--|----------|
| 8112000 | Clear silicone, round anaesthetic face mask, size 2, paediatric, 22F | 30 |
| 8111000 | Clear silicone, round anaesthetic face mask, size 1, infant, 15M | 40 |
| 8110000 | Clear silicone, round anaesthetic face mask, size 0, neonate, 15M | 40 |
| 8100000 | Clear silicone, round anaesthetic face mask, size 00, premature, 15M | 40 |

[Make an enquiry](#)

Explorer endoscopy face masks

For analgesic gas administration during endoscopy procedures

A range of full face PVC masks for analgesic gas administration during endoscopy procedures, which are single use to prevent the possibility of cross infection.

The Intersurgical Explorer endoscopy masks are designed to allow easy insertion of an endoscope probe into the nose or mouth whilst administering an analgesic gas. There are three one-way valves positioned on the mask (the size 1 mask has only one valve) which provide easy access from either side of the patient.

Principally used for bronchoscopy procedures, the analgesic gas is administered via the central 22mm port. These masks could also be used on patients undergoing a transoesophageal echocardiogram (T.O.E.) procedure.

 Video available at www.intersurgical.com



Self-sealing valves

To facilitate easy access



Colour-coded hook ring

For ease of identification, and integration with other Intersurgical airway products



Soft cushion

For patient comfort and air tight fit

| Code | Description | Box Qty. |
|---|---|----------|
|  1594000 | Explorer, endoscopy face mask, size 4, adult, 22F | 40 |
|  1593000 | Explorer, endoscopy face mask, size 3, small adult, 22F | 50 |
|  1592000 | Explorer, endoscopy face mask, size 2, paediatric, 22F | 35 |
|  1591000 | Explorer, endoscopy face mask, size 1, infant, 15M | 40 |

[Make an enquiry](#)



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Anatomical anaesthetic face masks – reprocessable

This latex-free, anatomical range of masks provides a solution for those requiring reliable, high performing synthetic products in the area of anaesthetic consumables. Manufactured from chloroprene, a synthetic material with similar attributes to natural rubber (NRL) but without the associated danger of Type 1 (protein) allergies, the masks are fully autoclavable up to a maximum temperature of 137 °C, and have an anatomical shape and inflatable cuff. The masks also include a plug that allows for cuff inflation and deflation as required.



| Code | Description | Box Qty. |
|---------|---|----------|
| 8926000 | Anatomical, anaesthetic face mask, size 6, extra large adult, 22F | 1 |
| 8826000 | Anatomical, anaesthetic face mask, size 6, extra large adult, with hook ring, 22F | 1 |
| 8925000 | Anatomical, anaesthetic face mask, size 5, large adult, 22F | 1 |
| 8825000 | Anatomical, anaesthetic face mask, size 5, large adult, with hook ring, 22F | 1 |
| 8924000 | Anatomical, anaesthetic face mask, size 4, medium adult, 22F | 1 |
| 8824000 | Anatomical, anaesthetic face mask, size 4, medium adult, with hook ring, 22F | 1 |
| 8923000 | Anatomical, anaesthetic face mask, size 3, small adult, 22F | 1 |
| 8823000 | Anatomical, anaesthetic face mask, size 3, small adult, with hook ring, 22F | 1 |
| 8922000 | Anatomical, anaesthetic face mask, size 2, paediatric, 22F | 1 |
| 8822000 | Anatomical, anaesthetic face mask, size 2, paediatric, with hook ring, 22F | 1 |
| 8921000 | Anatomical, anaesthetic face mask, size 1, infant, 22F | 1 |
| 8821000 | Anatomical, anaesthetic face mask, size 1, infant, with hook ring, 22F | 1 |
| 8920000 | Anatomical, anaesthetic face mask, size 0, neonatal, 22F | 1 |
| 8820000 | Anatomical, anaesthetic face mask, size 0, neonatal, with hook ring, 22F | 1 |

[Make an enquiry](#)

ClearFlex™ silicone anaesthetic face masks – reprocessable

ClearFlex masks are manufactured from silicone and incorporate a traditional anatomical shape with good patient visibility. Autoclavable up to a maximum of 137 °C, the silicone material used means that the range is totally latex free, and is ideal for use with neonates, paediatrics and adults.



| Code | Description | Box Qty. |
|---------|---|----------|
| 8749006 | ClearFlex, silicone anaesthetic face mask, size 6, extra large adult, 22F | 1 |
| 8749005 | ClearFlex, silicone anaesthetic face mask, size 5, large adult, 22F | 1 |
| 8749004 | ClearFlex, silicone anaesthetic face mask, size 4, medium adult, 22F | 1 |
| 8749003 | ClearFlex, silicone anaesthetic face mask, size 3, small adult, 22F | 1 |
| 8749002 | ClearFlex, silicone anaesthetic face mask, size 2, paediatric, 22F | 1 |
| 8749001 | ClearFlex, silicone anaesthetic face mask, size 1, infant, 22F | 1 |
| 8749000 | ClearFlex, silicone anaesthetic face mask, size 0, neonatal, 22F | 1 |

[Make an enquiry](#)

ClearFlex™ economy silicone anaesthetic face masks – reprocessable

ClearFlex Economy masks are a lower cost alternative for those looking for the benefits gained from a latex-free silicone mask.

The masks incorporate an integral standard connector with a proven anatomical design. The clear design ensures excellent clarity; this means optimum visibility through the mask. The smaller sizes have a cylindrical shape to assist in establishing and maintaining an airtight seal with infants and neonates.

They are autoclavable up to a maximum temperature of 137 °C.



| Code | Description | Box Qty. |
|---------|--|----------|
| 8848005 | ClearFlex economy silicone, anaesthetic face mask, size 5, large adult, 22F | 5 |
| 8848004 | ClearFlex economy silicone, anaesthetic face mask, size 4, medium adult, 22F | 5 |
| 8848003 | ClearFlex economy silicone, anaesthetic face mask, size 3, small adult, 22F | 5 |
| 8848002 | ClearFlex economy silicone, anaesthetic face mask, size 2, paediatric, no hook ring, 22F | 5 |
| 8848001 | ClearFlex economy silicone, anaesthetic face mask, size 1, infant, no hook ring, 15M | 5 |
| 8848000 | ClearFlex economy silicone, anaesthetic face mask, size 0, neonatal, no hook ring, 15M | 5 |
| 8848006 | ClearFlex economy silicone, anaesthetic face mask, size 00, premature, no hook ring, 15M | 5 |

[Make an enquiry](#)



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Rendell Baker silicone anaesthetic face masks – reprocessable

A range of latex-free silicone anatomical shaped masks designed in accordance with Rendell Baker specifications, ideal for paediatric use, as a gas tight seal can be achieved with only minimal pressure.

The masks have the advantage of a low deadspace and can be steam sterilised up to temperatures of 137 °C.



| Code | Description | Box Qty. |
|---------|--|----------|
| 8748014 | Rendell Baker silicone, anaesthetic face mask, size 3, paediatric, 22F | 1 |
| 8748013 | Rendell Baker silicone, anaesthetic face mask, size 2, small paediatric, 22F | 1 |
| 8748012 | Rendell Baker silicone, anaesthetic face mask, size 1, infant, 22F | 1 |
| 8748011 | Rendell Baker silicone, anaesthetic face mask, size 0, neonatal, 22F | 1 |

[Make an enquiry](#)

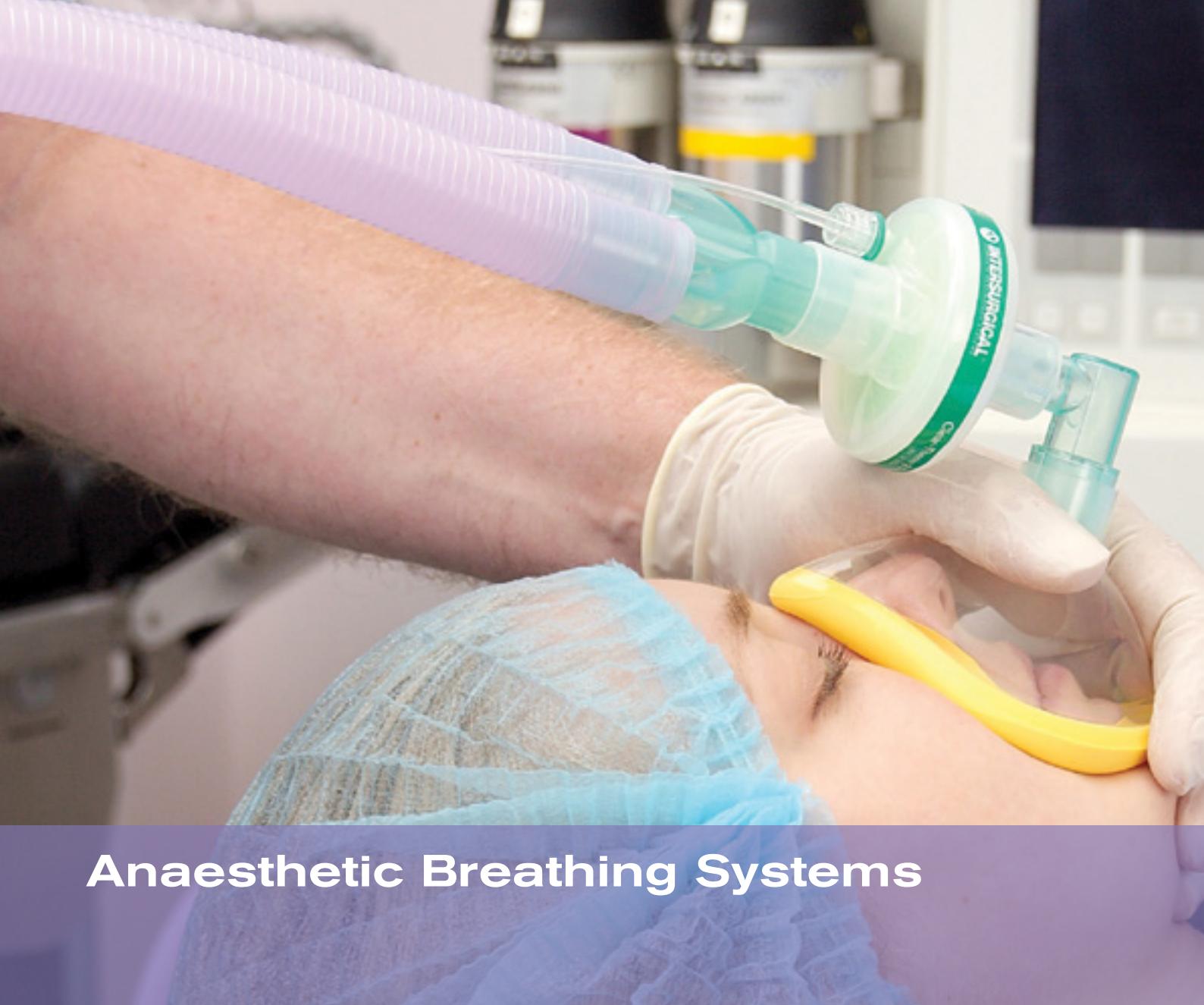
Face mask accessories

Adult and paediatric silicone harnesses and a hook ring to fit our range of Alterna™ face masks.



| Code | Description | Box Qty. |
|---------|---|----------|
| 8740007 | 4-point silicone head harness, large | 12 |
| 8740008 | 4-point silicone head harness, small | 12 |
| 8724013 | Hook Ring for anatomical reprocessable anaesthetic face masks | 1 |

[Make an enquiry](#)



Anaesthetic Breathing Systems



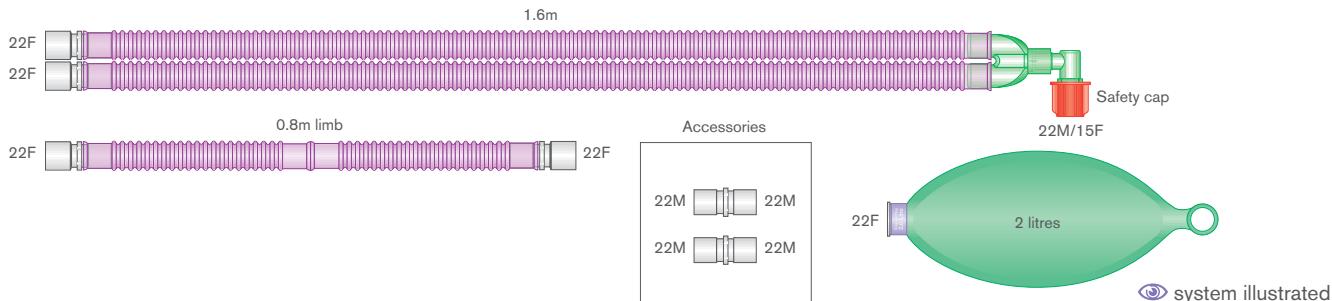
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Flextube™ circle breathing systems

A range of Flextube circle breathing systems with a unique clip feature. When used with Intersurgical recessed connectors an airtight fit is achieved, ensuring there are no leaks or disconnections. A number of systems are supplied sterile with Silver Knight™ providing further options.

Please see page 5 for a guide to our tube types.



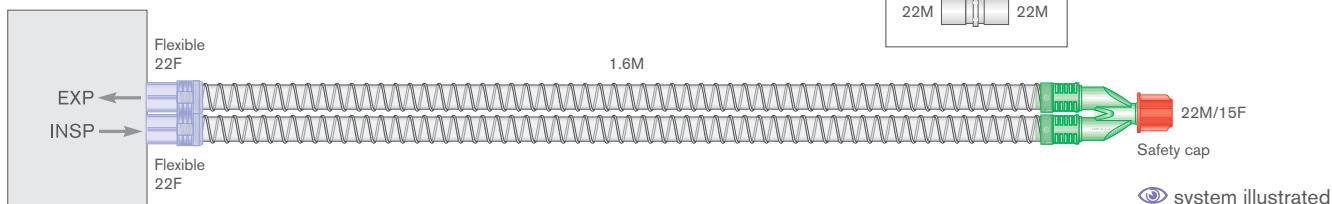
| Code | Description | Box Qty. |
|--------------|---|----------|
| 2000000 (S*) | 22mm Flextube breathing system, ≥1.6m | 20 (15*) |
| 2000100 | 22mm Silver Knight anti-microbial Flextube breathing system, ≥1.6m | 20 |
| 2001000 (S*) | 22mm Flextube breathing system, ≥2.4m | 15 (10*) |
| 2001100 | 22mm Silver Knight anti-microbial Flextube breathing system, ≥2.4m | 15 |
| 2002000 | 22mm Flextube breathing system with limb, ≥1.6m | 14 |
| 2003000 | 22mm Flextube breathing system with limb, ≥2.4m | 14 |
| 2010000 (S*) | 22mm Flextube breathing system with 2L bag and limb, ≥1.6m | 14 (12*) |
| 2010100 | 22mm Silver Knight anti-microbial Flextube breathing system with 2L bag and limb, ≥1.6m | 14 |
| 2011000 | 22mm Flextube breathing system with 2L bag and limb, ≥2.4m | 14 |
| 2011100 | 22mm Silver Knight anti-microbial Flextube breathing system with 2L bag and limb, ≥2.4m | 14 |
| 2013000 | 22mm Flextube breathing system with adjustable Y-piece with swivel neck, ≥1.6m | 12 |
| 2141000 | 22mm Flextube breathing system with single water trap, ≥1.6m | 10 |

[Make an enquiry](#)

Smoothbore circle breathing systems

A range of Smoothbore circle breathing systems which incorporate flexible machine end connectors, along with lightweight rigid connectors within the system, offering improved ventilatory support.

Please see page 5 for a guide to our tube types.



| Code | Description | Box Qty. |
|--------------|---|----------|
| 5000000 (S*) | 22mm Smoothbore breathing system, ≥1.6m | 12 (20*) |
| 5009000 (S*) | 22mm Smoothbore breathing system with ported Y-piece, water traps and limb, ≥1.6m | 10 (12*) |

[Make an enquiry](#)

Silver Knight – please see more information on page 60

Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).

Compact™ extendable anaesthetic breathing systems providing a versatile solution

Optimum compression

Designed for economy, the unique Compact extendable anaesthetic breathing system can be compressed to almost one fifth of its extended length. Supplied in compressed form increasing the number of systems per box, there can be significant space and cost savings compared with other breathing systems. A standard box of Compact systems could provide a hospital with an extra three weeks supply.

- More Compact systems per box
- Lower storage requirements
- Lower freight volume costs
- Improved disposal

Low resistance to flow

Designed with a shallow profile resulting in more laminar gas flow and lower resistance to flow. At 60 L/min, resistance to flow of the extended tube is 1.0 cm H₂O per metre.

Lightweight system

Lighter than other extendable systems ensuring that the 'pull' on the patient's airway device is kept to a minimum.

Low compliance

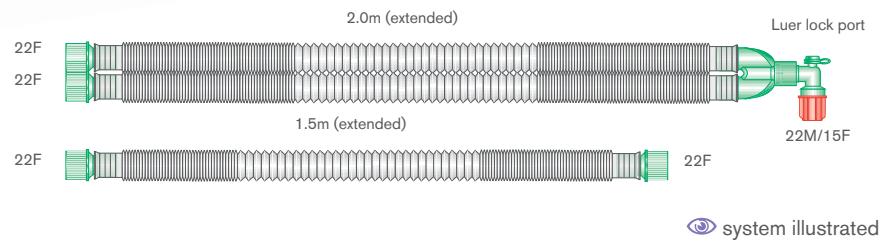
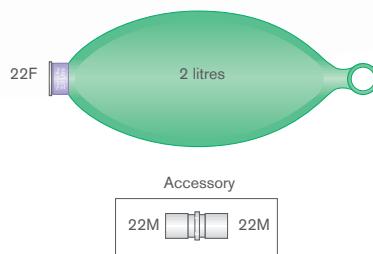
The compliance of the Compact system tube when extended is 4.4ml/kpa per metre of tube, which is less than that required in the ISO 5367:2000 standard.

Adjustable length

Packed and supplied in the shortest length for simple extension to the length required for clinical use.

Easy positioning

The nature of the Compact system tube allows for it to be set in any position required. This results in multiple positioning possibilities, ideal for head and neck surgery where the system can be positioned away from the patient, and does not require any additional patient connections.



system illustrated

| Code | Description | Box Qty. |
|--------------|--|----------|
| 2150000 | 22mm Compact, extendable breathing system with luer elbow, ≥1.5m | 70 |
| 2151000 (S*) | 22mm Compact, extendable breathing system with luer elbow, ≥2.0m | 70 (30*) |
| 2152000 | 22mm Compact, extendable breathing system with 3L bag and limb, ≥2.0m | 35 |
| 2153000 | 22mm Compact, extendable breathing system with 3L bag and filter and limb, ≥2.0m | 35 |
| 2154000 (S*) | 22mm Compact, extendable breathing system with 2L bag and limb, ≥2.0m | 35 (20*) |
| 2155000 | 22mm Compact, extendable breathing system with two re-sealable water traps and limb, ≥3.0m | 12 |
| 2156000 | 22mm Compact, extendable breathing system with 2L bag and limb, ≥3.0m | 25 |
| 2157000 | 22mm Compact, extendable breathing system with 2L bag and limb, ≥3.0m | 25 |
| 2158000 | 22mm Compact, extendable breathing system with luer elbow, ≥3.0m | 40 |
| 1526000 | Compact, extension tube ≥2.0m | 100 |

[Make an enquiry](#)

Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).



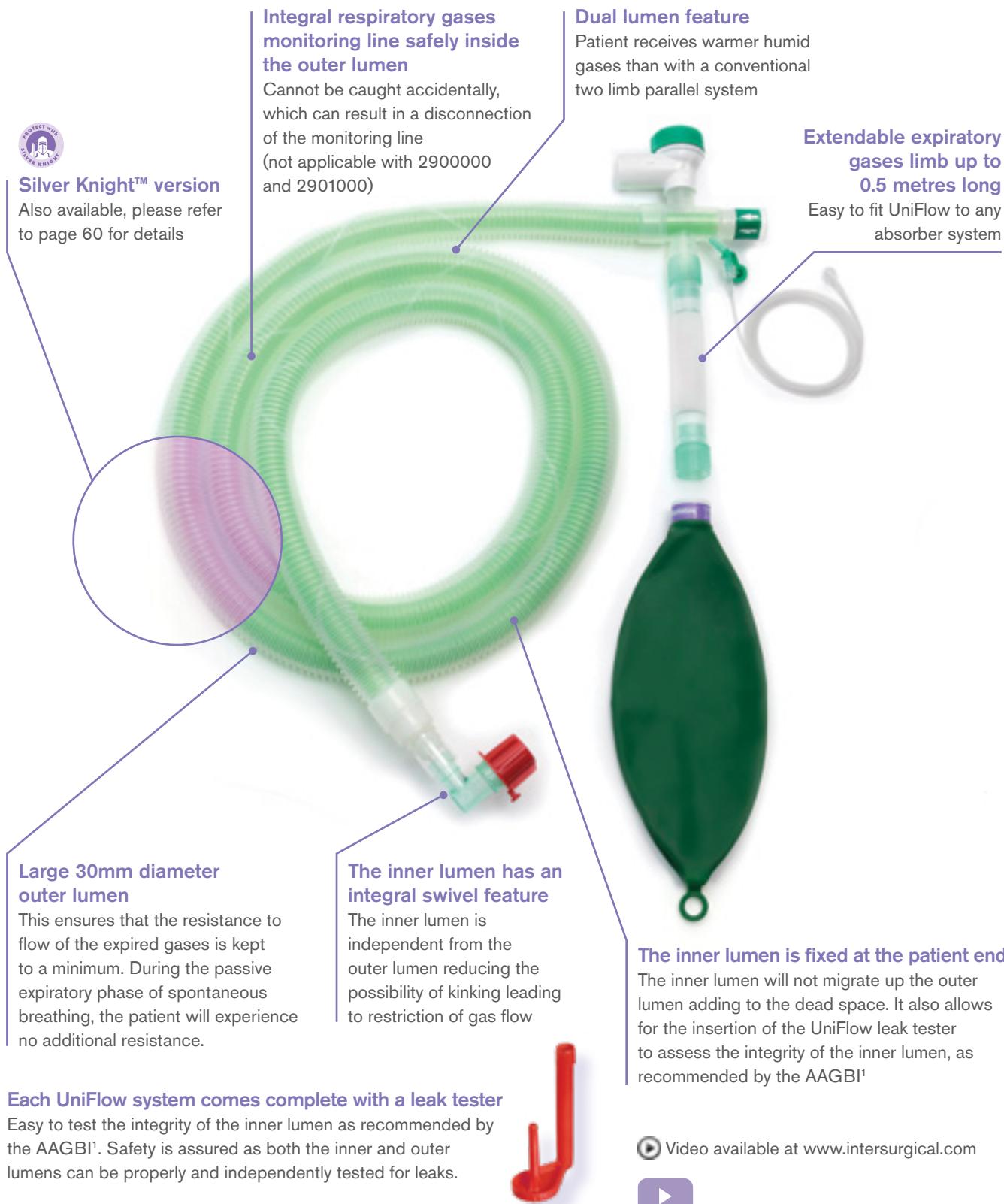
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UniFlow™ universal coaxial breathing systems ideally suited for low flow anaesthesia

The UniFlow range of universal coaxial anaesthetic breathing systems has been designed to meet the demands of changing clinical practice and user demands.

UniFlow systems fit all standard carbon dioxide absorbers and are ideally suited for use in low flow anaesthesia.



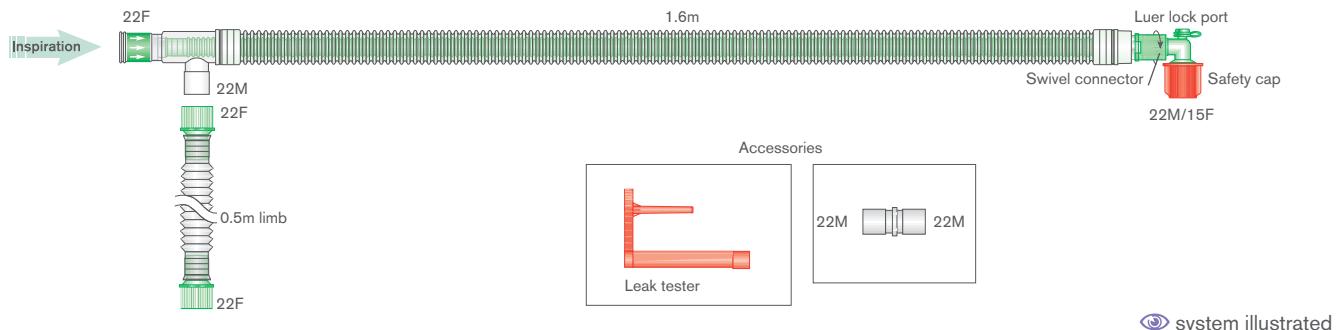
Video available at www.intersurgical.com

Reference: 1. 'Checking Anaesthetic Equipment 3', (2004), E2, Anaesthetic Association of Great Britain and Ireland (AAGBI).

UniFlow™ coaxial breathing systems with leak tester

UniFlow is a convenient tube-within-a-tube breathing system designed with low flow anaesthesia in mind, offering warmer, more humid inspiratory gases, and the option of an integrated respiratory gases monitoring line.

UniFlow can be used on paediatrics to as low as 5kg in weight².



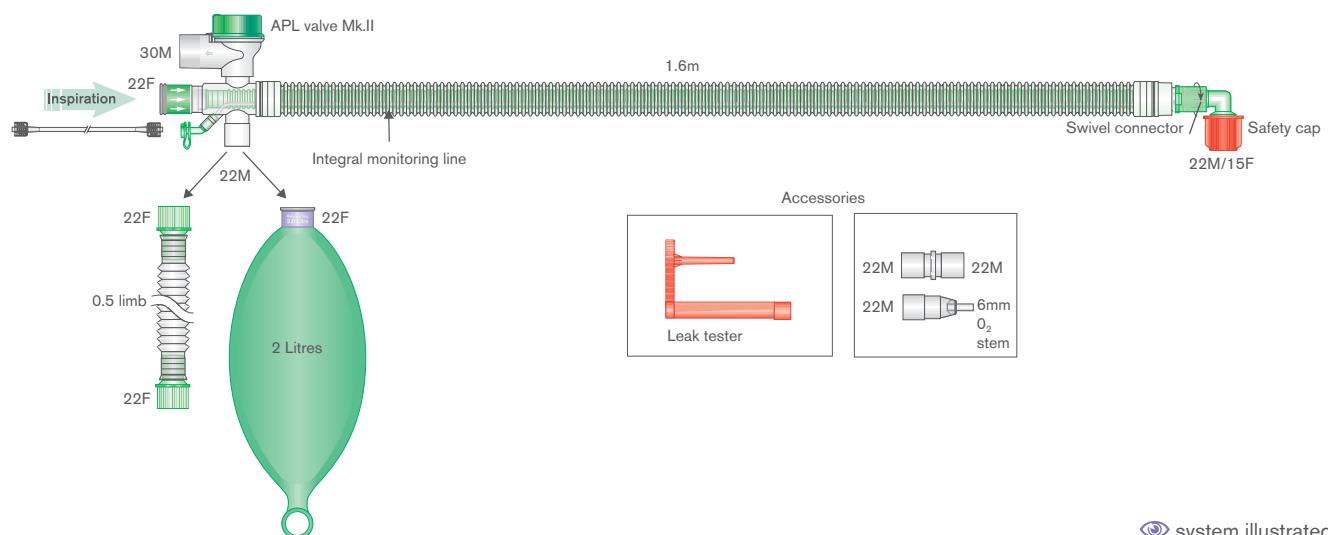
system illustrated

| Code | Description | Box Qty. |
|--------------|---|----------|
| 2900000 (S*) | 30mm UniFlow coaxial breathing system with limb, ≥1.6m | 12 (15*) |
| 2901000 | 30mm UniFlow coaxial breathing system with limb, ≥2.4m | 10 |
| 2902000 (S*) | 30mm UniFlow coaxial breathing system with integral monitoring line and limb, ≥1.6m | 12 (15*) |
| 2903000 | 30mm UniFlow coaxial breathing system with integral monitoring line and limb, ≥2.4m | 10 |

[Make an enquiry](#)

UniFlow deluxe coaxial breathing systems with leak tester

UniFlow deluxe coaxial breathing systems incorporate an APL valve, 2L reservoir bag and are available with two different lengths of monitoring lines, allowing the system to be used for anaesthesia induction, low flow anaesthesia and delivery of supplemental oxygen in recovery and transport.



system illustrated

| Code | Description | Box Qty. |
|---------|--|----------|
| 2910000 | 30mm UniFlow deluxe coaxial breathing system with 2L bag, integral monitoring line and limb, ≥1.6m | 12 |
| 2911000 | 30mm UniFlow deluxe coaxial breathing system with 2L bag, integral monitoring line and limb, ≥2.4m | 10 |

[Make an enquiry](#)

Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).

Reference: 2. Queen Silvia's Childrens Hospital, Gothenburg, 2009.



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Silver Knight™ anti-microbial breathing systems Helping in the fight against Hospital Acquired Infections

Protect with Silver Knight

In the continued fight against Hospital Acquired Infections, Intersurgical has developed the Silver Knight range of systems with an anti-microbial additive to further enhance patient safety. This anti-microbial, silver-based ion additive has been introduced to a range of breathing systems for both anaesthesia and intensive care use. Testing to ISO Standard 22196 shows a reduction in bacterial viable count by 99.9% against controls.¹

How does it work?

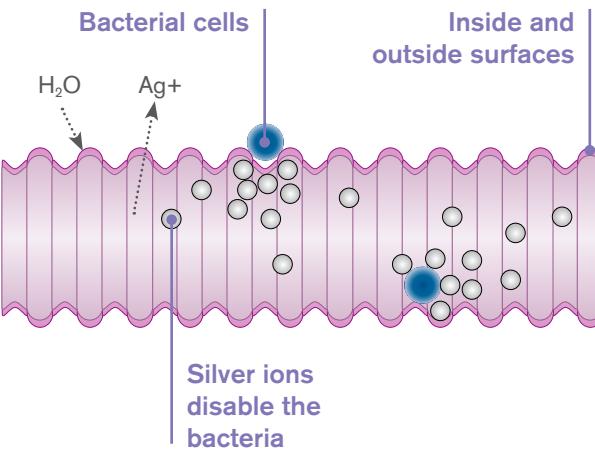
Silver Knight is an anti-microbial additive that uses silver ions to disrupt the normal enzymatic activities of bacteria. It functions as a safe, quick and effective catalyst to deactivate pathogenic bacteria and prevent their proliferation.

This technology allows the ions to be released in small quantities over time to reduce microbial growth within, and on, the surface of the breathing systems.

Silver Knight is proven¹ to help reduce the incidence of MRSA infection and other organisms including *Staphylococcus epidermidis*, *Pseudomonas aeruginosa*, *Klebsiella pneumoniae*, *Acinetobacter calcoaceticus* and *Escherichia coli*.

www.intersurgical.com/info/silverknight

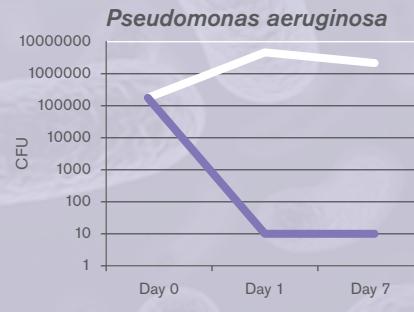
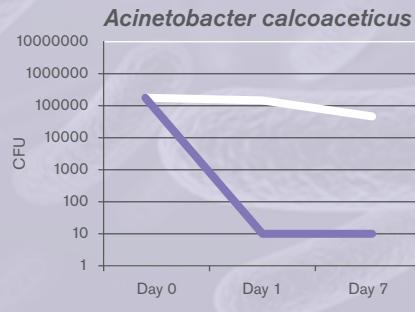
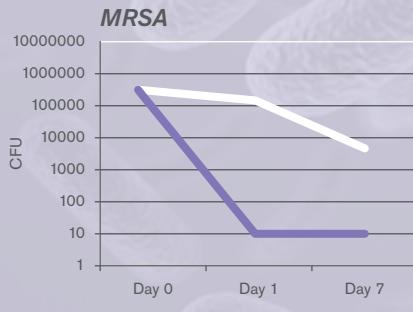
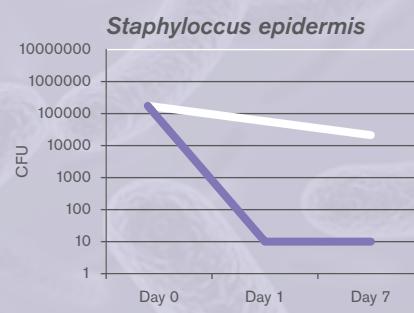
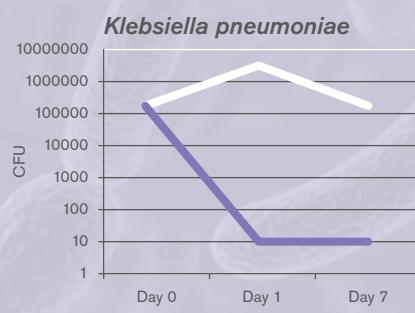
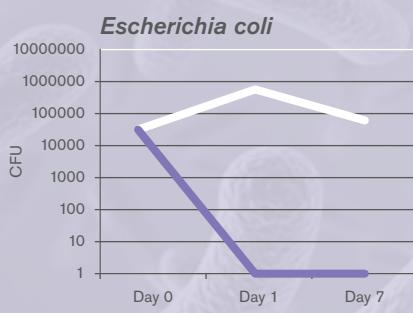
Video available at www.intersurgical.com



Comparison

Silver Knight Tube versus standard tube with no anti-microbial for a range of micro-organisms.

— Standard tube with no anti-microbial
— Silver Knight tube

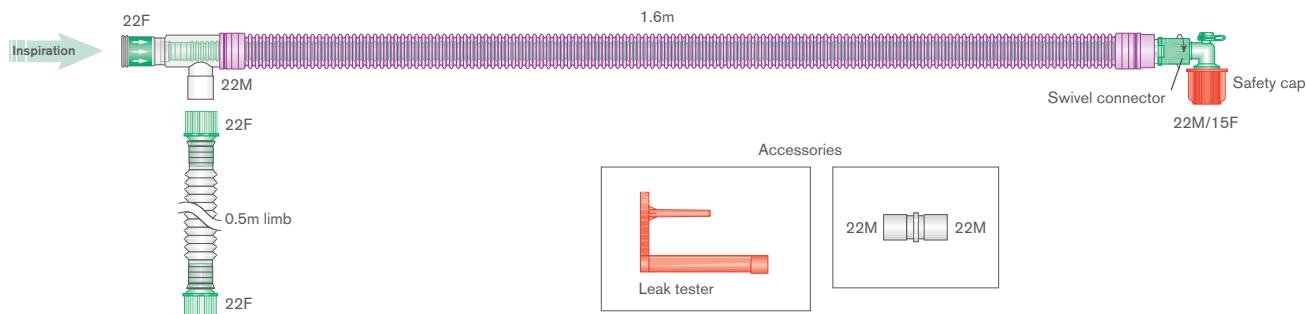


The addition of Silver Ion anti-microbial additive to Intersurgical breathing system tubing greatly reduces the viable microbial count level over time.

The tubing has demonstrated a long lasting anti-microbial affect against a broad range of micro-organisms responsible for Hospital Acquired Infections.

References: 1. Intersurgical Ltd. Certified Independent Test Results, 2003.

Silver Knight™ anti-microbial UniFlow™ coaxial breathing systems



system illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 2900100 | 30mm Silver Knight anti-microbial UniFlow coaxial breathing system with limb, ≥1.6m | 12 |
| 2901100 | 30mm Silver Knight anti-microbial UniFlow coaxial breathing system with limb, ≥2.4m | 10 |
| 2902100 | 30mm Silver Knight anti-microbial UniFlow coaxial breathing system with integral monitoring line and limb, ≥1.6m | 12 |
| 2903100 | 30mm Silver Knight anti-microbial UniFlow coaxial breathing system with integral monitoring line and limb, ≥2.4m | 10 |
| 2910100 | 30mm Silver Knight anti-microbial UniFlow deluxe coaxial breathing system with 2L bag, integral monitoring line and limb, ≥1.6m | 12 |
| 2911100 | 30mm Silver Knight anti-microbial UniFlow deluxe coaxial breathing system with 2L bag, integral monitoring line and limb, ≥2.4m | 10 |

[Make an enquiry](#)

Silver Knight



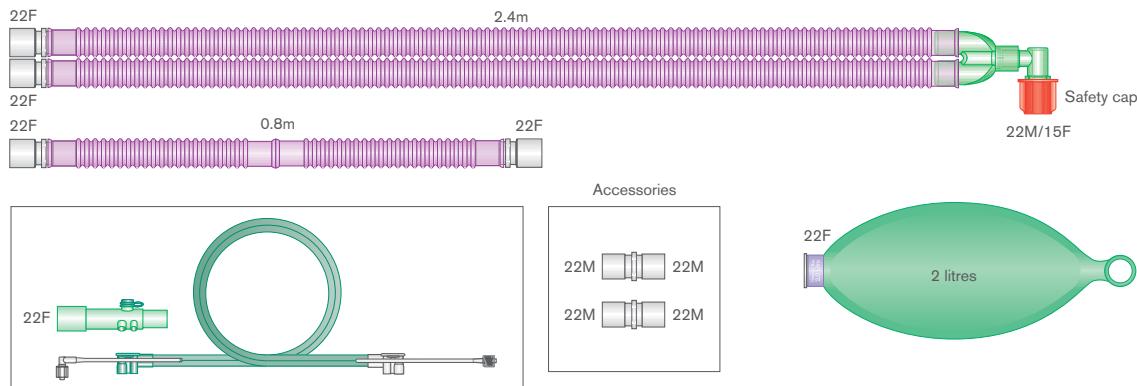
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Breathing systems for GE Healthcare® Carestation®

We offer a range of breathing systems designed specifically for the anaesthesia Carestation® from GE Healthcare®.

Breathing systems with spirometry sets for GE Healthcare® Carestation®



system illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 2011110 | 22mm Silver Knight™ anti-microbial Flextube™ breathing system for use with Aisys®, Avance® and Aespire® Carestation® with fixed elbow, 2L reservoir bag, limb and spirometry set, ≥2.4m | 12 |
| 2011112 | 22mm Silver Knight anti-microbial Flextube breathing system for ADU Carestation® with fixed elbow, 2L reservoir bag, 2 x limbs and spirometry set, ≥2.4m | 12 |
| 2011116 | 22mm Silver Knight anti-microbial Flextube breathing system for use with Aisys®, Avance® and Aespire® Carestation® with fixed elbow, 2L reservoir bag, limb and spirometry set, ≥2.4m | 12 |

[Make an enquiry](#)

Silver Knight

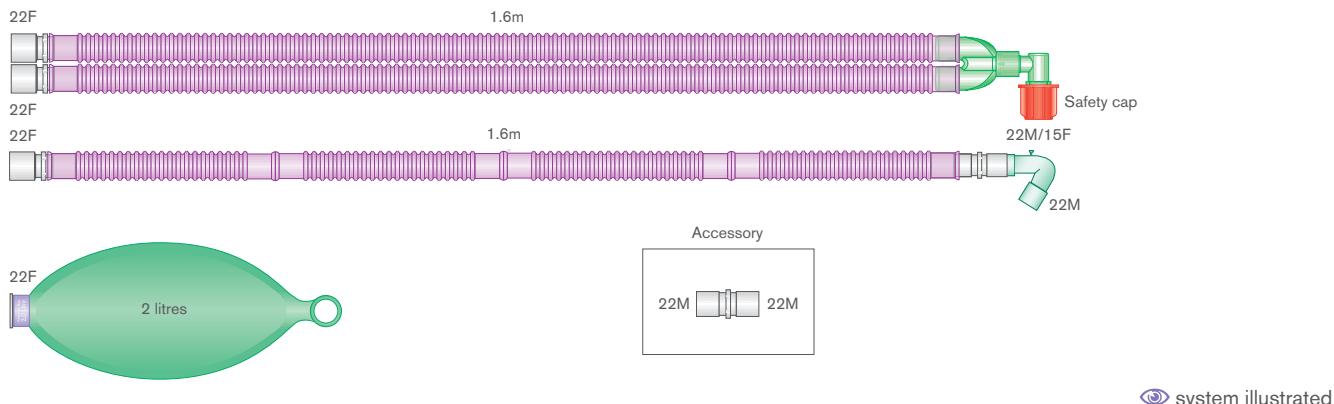
Aisys, Avance, Aespire and Carestation are registered trademarks of Datex-Ohmeda, Inc.

Datex-Ohmeda, Inc., is a General Electric company. GE Healthcare is a registered trademark of General Electric Company.

Breathing systems for the Aisys®, Avance® and Aespire® Carestation®

The Aisys®, Avance® and Aespire® Carestation® that are fitted with the Advanced Breathing System (ABS) require a breathing system with an elbow on the bagging limb that connects into the bag arm of the ABS. If the Carestation® is not fitted with the ABS, then a standard breathing system such as 2010000 would be appropriate.

Please see page 5 for a guide to our tube types.



system illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 2010088 | 22mm Flextube™ breathing system for use with Aisys®, Avance® and Aespire® Carestation® with fixed elbow, 2L reservoir bag and bag limb, ≥1.6m | 15 |
| 2010111 | 22mm Silver Knight™ anti-microbial Flextube breathing system for use with Aisys®, Avance® and Aespire® Carestation® with fixed elbow, 2L reservoir bag and limb, ≥1.6m | 15 |
| 2011106 | 22mm Silver Knight anti-microbial Flextube breathing system for use with Aisys®, Avance® and Aespire® Carestation® with fixed elbow, 2L reservoir bag and limb, ≥2.4m | 12 |
| 2011110 | 22mm Silver Knight anti-microbial Flextube breathing system for use with Aisys®, Avance® and Aespire® Carestation® with fixed elbow, 2L reservoir bag, limb and spirometry set, ≥2.4m | 12 |
| 2011116 | 22mm Silver Knight anti-microbial Flextube breathing system for use with Aisys®, Avance® and Aespire® Carestation® with fixed elbow, 2L reservoir bag, limb and spirometry set, ≥2.4m | 12 |
| 2011012 | 22mm Flextube breathing system for use with Aisys®, Avance® and Aespire® Carestation® with fixed elbow, 2L reservoir bag and bag limb, ≥2.4m | 12 |

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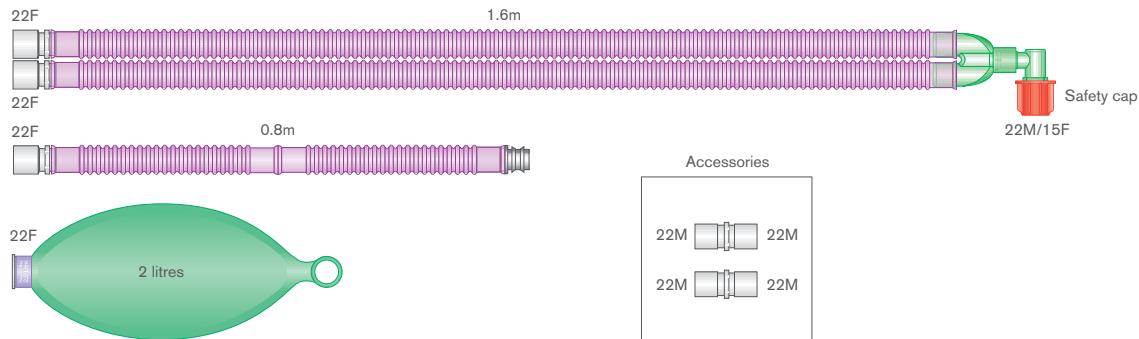
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Breathing systems for the ADU Carestation®

We offer six breathing systems for the ADU Carestation®. The bagging limb is fitted with a special straight connector at one end which locates into the metal ring 'quick connect' fitting on the underside of the ventilator bellows unit.

Please see page 5 for a guide to our tube types.



system illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 2010085 | 22mm Flextube™ breathing system for use with ADU Carestation® with fixed elbow, 2L reservoir bag and bag limb, ≥1.6m | 15 |
| 2010109 | 22mm Silver Knight™ anti-microbial Flextube breathing system for use with ADU Carestation® with fixed elbow, 2L bag and limb, ≥1.6m | 12 |
| 2011008 | 22mm Flextube breathing system for use with ADU Carestation® with fixed elbow, 2L reservoir bag and bag limb, ≥2.4m | 12 |
| 2011102 | 22mm Silver Knight anti-microbial Flextube breathing system for use with ADU Carestation® with fixed elbow, 2L reservoir bag and 2 x limbs, ≥2.4m | 12 |
| 2011112 | 22mm Silver Knight anti-microbial Flextube breathing system for ADU Carestation® with fixed elbow, 2L reservoir bag, 2 x limb and spirometry set, ≥2.4m | 12 |

[Make an enquiry](#)

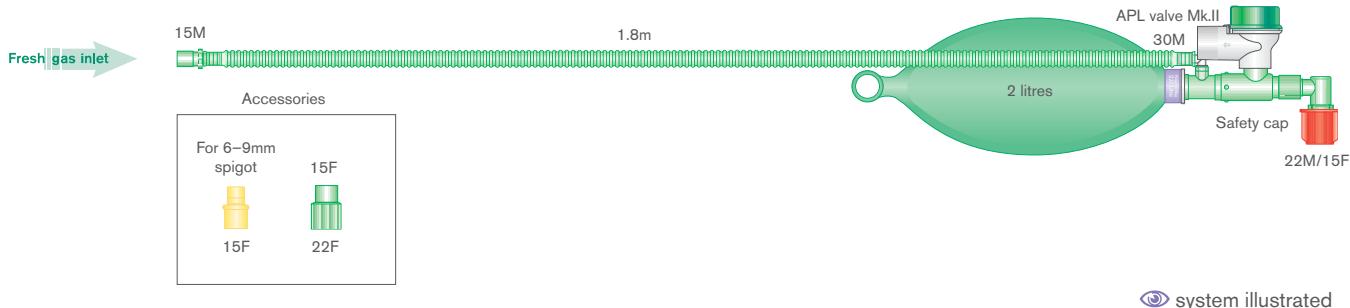


Carestation is a registered trademark of Datex-Ohmeda, Inc.

Datex-Ohmeda, Inc., is a General Electric company. GE Healthcare is a registered trademark of General Electric Company.

We have a range of lightweight versions of the most commonly used anaesthetic breathing systems in the Mapleson classifications.

Mapleson A and C breathing systems

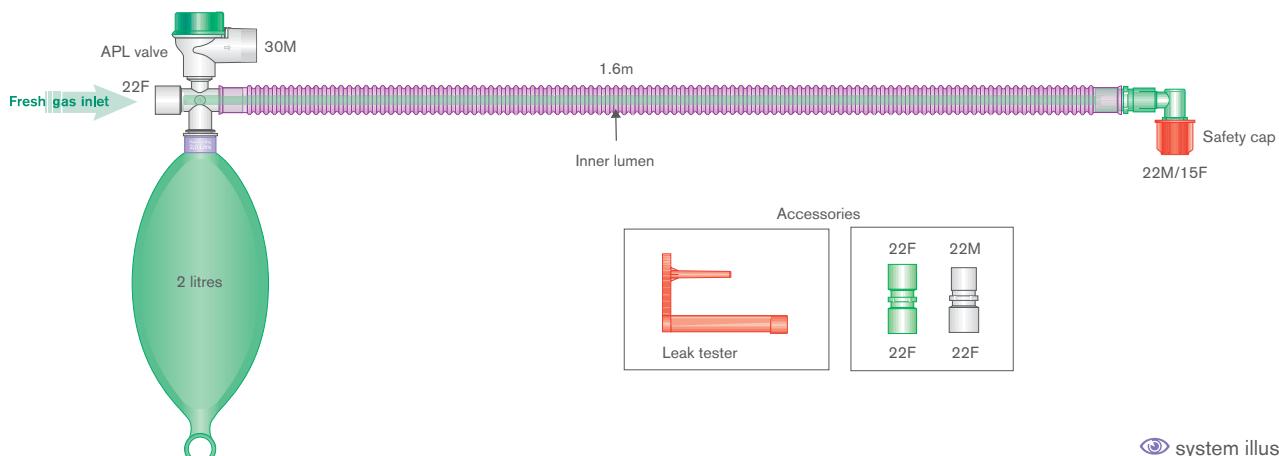


system illustrated

| Code | Description | Box Qty. |
|--------------|--|----------|
| 2105000 | Adult, Mapleson A Magill anaesthetic breathing system with 2L bag, ≥1.6m | 15 |
| 2106000 | Adult, Mapleson A Parallel Lack breathing system with 2L bag, ≥1.6m | 10 |
| 2108000 (S*) | Adult, Mapleson C bagging system with 2L bag, ≥1.8m | 15 (20*) |

[Make an enquiry](#)

Mapleson D and Deluxe Bain coaxial breathing systems



system illustrated

| Code | Description | Box Qty. |
|---------|--|----------|
| 2110000 | Mapleson D Bain coaxial breathing system for use with Bain adaptors (no valve or bag), ≥1.6m | 20 |
| 2115000 | Mapleson D deluxe Bain coaxial breathing system with 2L bag, ≥1.6m | 30 |
| 2115100 | Silver Knight™ anti-microbial Mapleson D deluxe Bain coaxial breathing system with 2L bag, ≥1.6m | 30 |
| 2116000 | Mapleson D deluxe Bain coaxial breathing system with 2L bag, ≥2.8m | 10 |
| 2117000 | Mapleson D deluxe Bain coaxial breathing system with 2L bag, ≥5.4m | 5 |

[Make an enquiry](#)

Silver Knight

Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).



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Baggins the Bear collection

Helping your paediatric patient undergoing anaesthesia

For most children and their families, the thought of having a general anaesthetic can be quite frightening. At Intersurgical, we have a number of paediatric products available to assist in distracting and relaxing a child undergoing anaesthesia. These can be identified by the Baggins the Bear design.



We also offer a Baggins the Bear collection including:

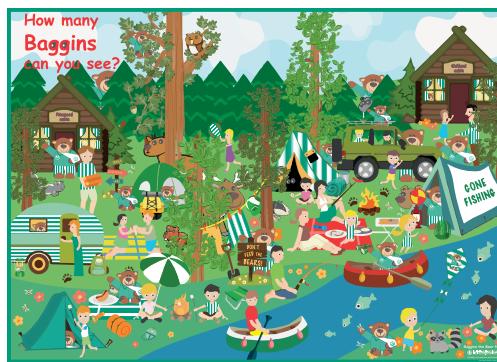
- A storybook telling Baggins' story as he undergoes a general anaesthetic, and includes colouring and activity sections.
- A large poster to play Spot the Baggins! This is designed to be attached to the ceiling in the anaesthetic room.
- A bravery certificate.

Download and print the documents below via our website www.intersurgical.com/info/bagginsbear

Storybook



Poster



Bravery Certificate

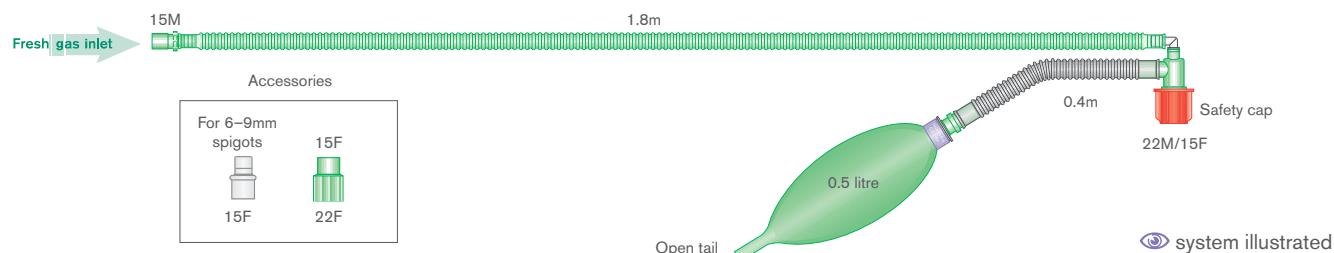


Reservoir bags – single-use

| Code | Description | Box Qty. | |
|---------|--|----------|--|
| 2812000 | Reservoir bag, 1L with anti occlusion cage mount and Baggins the Bear design, 15F neck | 10 | |
| 2806000 | Reservoir bag, 0.5L with anti occlusion cage mount and Baggins the Bear design, 15F neck | 10 | |

Baggins the Bear design

Mapleson F infant T-piece breathing system

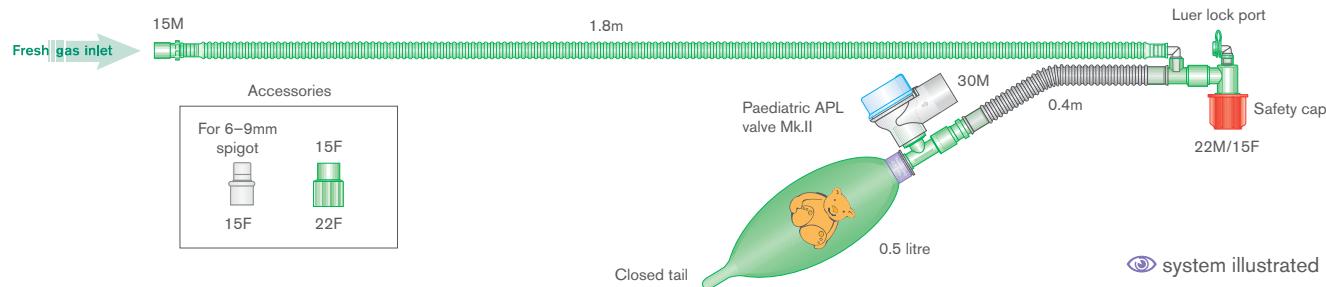


| Code | Description | Box Qty. |
|--------------|--|----------|
| 2120000 | Mapleson F infant T-piece breathing system with 0.5L open tail bag, ≥1.8m | 15 |
| 2121000 (S*) | Mapleson F Jackson Rees modification T-piece breathing system with 0.5L open tail bag, ≥1.8m | 15 (10*) |

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Infant T-piece anaesthetic breathing system

An infant T-piece system with the paediatric APL valve positioned away from the patient allowing spontaneous and hand ventilation whilst preserving the clinical field around the patient. This system is based on the Jackson Rees modification with a closed tail bag.

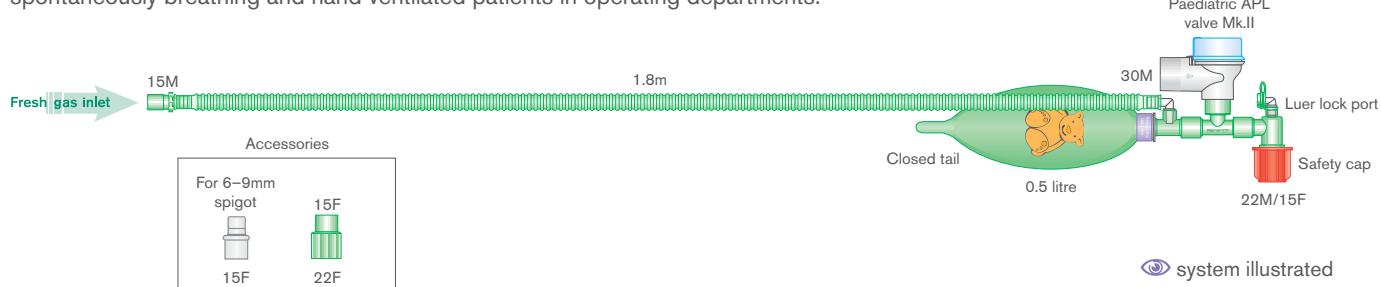


| Code | Description | Box Qty. |
|--------------|--|----------|
| 2122000 | Infant T-piece breathing system with 0.5L closed tail bag, ≥1.8m | 15 |
| 2123000 (S*) | Infant T-piece breathing system with 1.0L closed tail bag for direct gas delivery for paediatrics, ≥1.8m | 15 (20*) |

[Make an enquiry](#)

Bagging systems

The paediatric bagging system incorporates a CO₂ monitoring elbow at the patient end for direct sampling. This system can be utilised in a wide range of clinical applications including physiotherapy, patient transfer, resuscitation and may be used for both spontaneously breathing and hand ventilated patients in operating departments.



| Code | Description | Box Qty. |
|---------|---|----------|
| 2124000 | Paediatric, bagging system with 0.5L closed tail bag, ≥1.8m | 15 |
| 2126000 | Paediatric, bagging system with 1L closed tail bag, ≥1.8m | 15 |

[Make an enquiry](#)

Boggins the Bear design Sterile option available

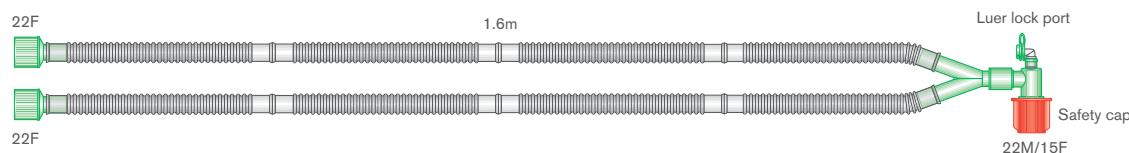
(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).


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Flextube™ paediatric circle breathing systems

Paediatric breathing systems using 15mm Flextube to reduce system volume, especially important for smaller patients. An option is available with a re-sealable water trap for those conditions where condensate or 'rainout' is an issue.

Please see page 5 for a guide to our tube types.



system illustrated

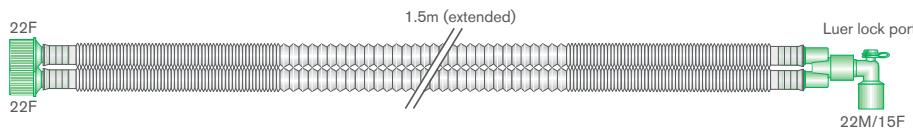
| Code | Description | Box Qty. |
|---------|--|----------|
| 2142000 | 15mm Flextube anaesthetic breathing system with luer elbow, ≥1.6m | 10 |
| 2143000 | 15mm Flextube anaesthetic breathing system with luer elbow and re-sealable water trap, ≥1.6m | 10 |

[Make an enquiry](#)

Compact™ paediatric circle breathing systems

Designed for economy, the Compact extendable anaesthetic breathing system is supplied in compressed form which increases the number of systems per box, for more cost effective storage and disposal. Providing significant space savings compared with other breathing systems, a standard box of Compact systems could provide a hospital with an extra three weeks supply.**

Please see page 5 for a guide to our tube types.



system illustrated

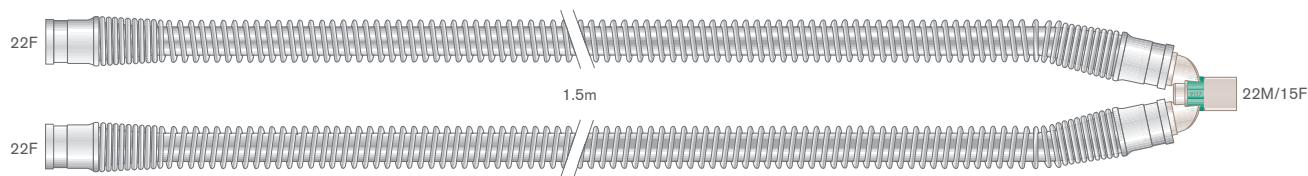
| Code | Description | Box Qty. |
|---------|--|----------|
| 2161000 | 15mm Compact, paediatric extendable breathing system with luer elbow, ≥1.5m | 85 |
| 2162000 | 15mm Compact, paediatric extendable breathing system with luer elbow, ≥2m | 70 |
| 2163000 | 15mm Compact, paediatric extendable breathing system with luer elbow, ≥3m | 40 |
| 2164000 | 15mm Compact, paediatric extendable breathing system with luer elbow, 1L reservoir bag and limb, ≥2m | 35 |
| 2165000 | 15mm Compact, paediatric extendable breathing system with luer elbow, 1L reservoir bag and limb, ≥3m | 25 |

[Make an enquiry](#)

** Comparison between Compact 2150000 and Flextube 2000000, based on a hospital with four operating theatres changing systems on a daily basis.

Intersurgical's range of reusable anaesthetic consumables builds on our core principles of quality, innovation and choice by complementing our existing range of respiratory products. For those seeking a reusable solution to their respiratory product requirements, Alterna™ offers a comprehensive range of anaesthetic face masks (page 52), reservoir bags (page 71), connectors (page 76), breathing system accessories (page 77). All products within the Alterna range are designed to be reprocessed.

Clear silicone breathing systems and tubes – reprocessable

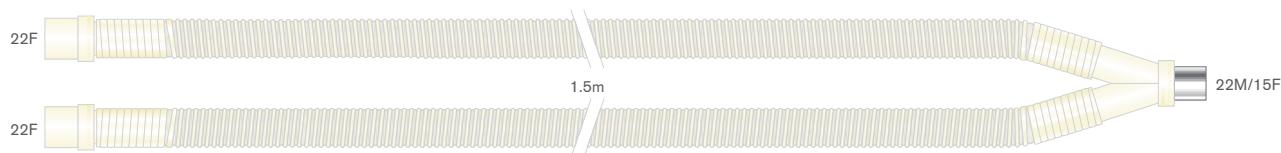


system illustrated

| Code | Description | Length | Box Qty. |
|---------|---|--------|----------|
| 8790608 | 22mm adult, clear silicone breathing system | ≥0.8m | 1 |
| 8790607 | 22mm adult, clear silicone breathing system | ≥1.5m | 1 |
| 8746004 | 22mm adult, clear silicone tube | ≥0.45m | 1 |
| 8746006 | 22mm adult, clear silicone tube | ≥0.6m | 1 |
| 8746008 | 22mm adult, clear silicone tube | ≥0.8m | 1 |
| 8746001 | 22mm adult, clear silicone tube | ≥1.1m | 1 |
| 8746015 | 22mm adult, clear silicone tube | ≥1.5m | 1 |
| 9317000 | 15mm paediatric, clear silicone tube | ≥0.6m | 1 |
| 9318000 | 15mm paediatric, clear silicone tube | ≥0.8m | 1 |
| 9319000 | 15mm paediatric, clear silicone tube | ≥1.1m | 1 |
| 9320000 | 15mm paediatric, clear silicone tube | ≥1.5m | 1 |

[Make an enquiry](#)

Clear Hytrel® breathing systems and tubes – reprocessable



system illustrated

| Code | Description | Length | Box Qty. |
|---------|--------------------------------|--------|----------|
| 8790606 | Clear Hytrel® breathing system | ≥1.5m | 1 |
| 8790015 | Clear Hytrel® breathing tube | ≥1.5m | 1 |

[Make an enquiry](#)

Hytrel is a registered trademark of DuPont.



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Breathing System Accessories



Reservoir bags – single-use

We offer a range of single-use reservoir bags that have excellent compliance characteristics for use in various clinical applications. Available in a range of sizes and bag neck fittings, they are totally latex-free.

The range also includes two bags with our 'Baggins the Bear' symbol for use with paediatric systems.



Please see our website for support material for paediatrics.



| Code | Description | Box Qty. |
|---------|--|--|
| 2830000 | Reservoir bag, 3L with anti occlusion cage mount, 22F neck | 10 |
| 2820000 | Reservoir bag, 2L with anti occlusion cage mount, 22F neck | 10 |
| 2810000 | Reservoir bag, 1L with anti occlusion cage mount, 22F neck | 10 |
| 2811000 | Reservoir bag, 1L with anti occlusion cage mount, 15F neck | 10 |
| 2812000 | Reservoir bag, 1L with anti occlusion cage mount and Baggins the Bear design, 15F neck | 10  |
| 2805000 | Reservoir bag, 0.5L with anti occlusion cage mount, 15F neck | 10 |
| 2806000 | Reservoir bag, 0.5L with anti occlusion cage mount and Baggins the Bear design, 15F neck | 10  |

[Make an enquiry](#)

Alterna™ reservoir bags with loop – reprocessable

A latex-free solution for those requiring reliable, high performing, synthetic products in the area of anaesthetic consumables. Manufactured from chloroprene, a synthetic material with similar attributes to natural rubber (NRL), but without the associated danger of Type 1 (protein) allergies, they are autoclavable up to temperatures of 137 °C.



| Code | Description | Box Qty. |
|---------|--|----------|
| 8913000 | Reprocessable reservoir bag, 3L with loop, 22F neck | 1 |
| 8912000 | Reprocessable reservoir bags, 2L with loop, 22F neck | 1 |
| 8911000 | Reprocessable reservoir bag, 1L with loop, 22F neck | 1 |
| 8910000 | Reprocessable reservoir bags, 0.5L with loop, 15F neck | 1 |

[Make an enquiry](#)

 Baggins the Bear design



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Patient spirometry sets

Patient spirometry sets for use with Anaesthesia and anaesthesia machines that include a spirometry option.

The patient spirometry sets comprise of a lightweight flow sensor, and a choice of 2, 3, 4, 5 or 6 metre long '3-in-1' tube assembly.

Flow sensors

The lightweight flow sensor is designed for simultaneously monitoring anaesthetic and airway gases along with lung mechanics such as volumes, flows and pressures.

The flow sensor utilises three ports, one for sidestream gas analysis and two for lung mechanics. The flow sensor, positioned in the breathing system as close as possible to the patient's airway, will provide continuous and accurate information regarding the status of the patient's spontaneous breathing, or mechanical ventilation.

'3-in-1' tube

The '3-in-1' tube assembly houses a conventional monitoring line for gas analysis, and the two tubes for lung mechanics measurement, which are joined together with colour coded manifolds at each end. The green manifold connects to the flow sensor, and the white manifold connects to the monitor.



system illustrated

Intersurgical also offer a range of breathing systems for the GE® Healthcare anaesthesia machines (pages 62–63).

| Code | Description | Length | Tidal Volume Range | Dead Space | Box Qty. |
|---------|------------------------------------|--------|--------------------|------------|----------|
| 2740000 | Adult, patient spirometry set | ≥2.0m | 150ml – 2000ml | 9.5ml | 20 |
| 2741000 | Paediatric, patient spirometry set | ≥2.0m | 15ml – 300ml | 2.5ml | 20 |
| 2740003 | Adult, patient spirometry set | ≥3.0m | 150ml – 2000ml | 9.5ml | 20 |
| 2741003 | Paediatric, patient spirometry set | ≥3.0m | 15ml – 300ml | 2.5ml | 20 |
| 2740004 | Adult, patient spirometry set | ≥4.0m | 150ml – 2000ml | 9.5ml | 30 |
| 2741004 | Paediatric, patient spirometry set | ≥4.0m | 15ml – 300ml | 2.5ml | 30 |
| 2740005 | Adult, patient spirometry set | ≥5.0m | 150ml – 2000ml | 9.5ml | 25 |
| 2741005 | Paediatric, patient spirometry set | ≥5.0m | 15ml – 300ml | 2.5ml | 25 |
| 2740006 | Adult, patient spirometry set | ≥6.0m | 150ml – 2000ml | 9.5ml | 25 |
| 2741006 | Paediatric, patient spirometry set | ≥6.0m | 15ml – 300ml | 2.5ml | 25 |

[Make an enquiry](#)

The Intersurgical patient sensors sets are compatible with the following anaesthesia machines:

GE Healthcare – Aestiva®, Aisys®, Aespire®, and Avance® (if fitted with patient spirometry). Please note Intersurgical patient spirometry flow sensors are not advised for use with active heated humidifier breathing systems.

Philips IntelliSave® AX700, Dameca® Siesta i, Dameca® MRI 508, Dameca® Siesta i Whispa.

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Patient spirometry connectors

Replacement spirometry connectors for both our adult and paediatric spirometry kits.



| Code | Description | Box Qty. |
|---------|---------------------------------------|----------|
| 2742000 | Adult, patient spirometry sensor | 25 |
| 2743000 | Paediatric, patient spirometry sensor | 25 |

[Make an enquiry](#)

Respiratory gas monitoring lines

Respiratory gas monitoring lines in various lengths designed to fit between the patient end of the breathing system, via a suitable luer lock connection, and the anaesthesia machine respiratory gas monitor connection. Manufactured from PVC, internally lined with LDPE.



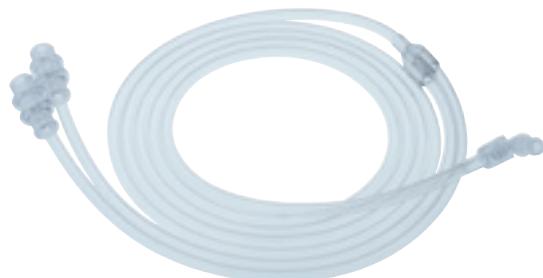
system illustrated

| Code | Description | Length | Box Qty. |
|---------|--|--------|----------|
| 2734000 | Respiratory gas monitoring line, 1.2mm ID, male luer lock/male luer lock | ≥3.0m | 30 |
| 2732000 | Respiratory gas monitoring line, 1.2mm ID, male luer lock/male luer lock | ≥2.45m | 20 |
| 2725000 | Respiratory gas monitoring line, 1.2mm ID, male luer lock/male luer lock | ≥1.8m | 20 |
| 2731000 | Respiratory gas monitoring line, 1.2mm ID, female luer lock/male luer lock | ≥1.8m | 20 |
| 2737000 | Respiratory gas monitoring line, 1.2mm ID, male luer lock/male luer lock | ≥0.7m | 40 |

[Make an enquiry](#)

Pressure monitoring line kits for use with standard 7.6mm ports

Pressure monitoring kits for anaesthesia machines, which have a separate monitor for measuring airway pressure. They are available as basic kits with standard luer tapers, or with 6mm port connectors. Manufactured from PVC.



system illustrated

| Code | Description | Length | Box Qty. |
|---------|--|--------|----------|
| 2720000 | Pressure monitoring line kit, 3.6mm ID, male luer taper/male luer port | ≥1.8m | 10 |
| 2721000 | Pressure monitoring line kit, 3.6mm ID, 2 x 6mm connectors/male luer port | ≥1.8m | 10 |
| 2722000 | Pressure monitoring line kit, 3.6mm ID, male luer taper and normal line/male luer port | ≥1.8m | 10 |
| 2723000 | Pressure monitoring line kit, 3.6mm ID, 6mm connector/male luer port | ≥1.8m | 10 |

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Monitoring line connectors

This range of various luer ports and connections are for use in breathing systems that do not include a respiratory monitoring port connection. A hydrophobic filter can be fitted to the monitor connection to protect the monitor.

| | |
|---|----------------------------|
|  | 7.6mm luer elbow removable |
| Code | 2711000 |
| Box Qty. | 50 |

| | |
|---|--------------------------------|
|  | 7.6mm luer elbow not removable |
| Code | 2710000 |
| Box Qty. | 25 |

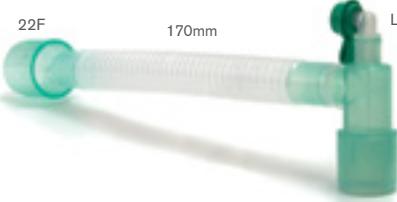
| | |
|---|---------------------------|
|  | Luer port 15M 15F |
| Code | 2712000 |
| Box Qty. | 25 |

| | |
|---|-------------------------------|
|  | Luer port 15M 22M/15F |
| Code | 2713000 |
| Box Qty. | 25 |

| | |
|---|-------------------------------|
|  | Luer port 15M 22M/15F |
| Code | 2714000 |
| Box Qty. | 25 |

| | |
|---|------------------|
|  | Luer port 22M |
| Code | 2715000 |
| Box Qty. | 50 |

| | |
|---|---|
|  | Luer port 22F 70-150mm 22M/15F |
| Code | 3514000 |
| Box Qty. | 75 |

| | |
|--|--|
|  | Luer port 22F 170mm 22M/15F |
| Code | 3515000 |
| Box Qty. | 40 |

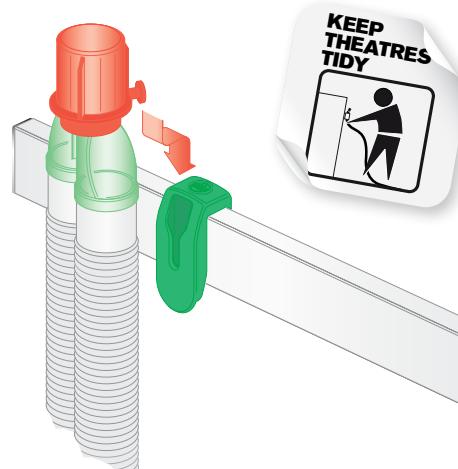
[Make an enquiry](#)

Tube management clip system

Don't trip – Clip

Breathing systems that drag across the floor are unhygienic and can cause accidents. Our new tube management clip system comprises two U-shaped brackets, a single tube clip and a double tube clip to keep bagging limbs and tubes secure. The U-shaped bracket is self adhesive and can be used with the red safety cap supplied with our systems or tube clips.

 Video available at www.intersurgical.com



| Code | Description | Box Qty. |
|---------|-----------------------------|----------|
| 2316000 | Tube management clip system | 12 |

[Make an enquiry](#)

Scavenging safety valves

Due to the potential danger of excessive pressure caused by a blockage in the AGSS transfer tube, the MHRA (Medicines and Healthcare products Regulatory Agency UK) issued a Medical Device Alert (MDA/2010/021) calling for the inclusion of a safety pressure relief valve.

Subsequently the European and International standard EN ISO 80601-2-13 Anaesthetic workstation in section 201.103.3.2.1 has been updated to reflect this alert.

Wherever there is a 30mm port on the anaesthetic breathing system, for example on the exhaust outlet of the APL valve, or any gas exhaust port of the anaesthetic machine, ventilator or absorber, one of these valves must be fitted as a safeguard in case of an occlusion in the transfer tube.

 Video available at www.intersurgical.co.uk



1972001

1972000



| Code | Description | Box Qty. |
|---------|--|----------|
| 1972000 | Anaesthesia gas scavenging pressure relief valve 30F/30F with ≥4.2M 30mm Flextube™ | 5 |
| 1972001 | Anaesthesia gas scavenging pressure relief valve 30F/22M with ≥4.2M 22mm Flextube | 5 |

[Make an enquiry](#)

Scavenging connectors

A range of connectors to use with our 22mm and 30mm scavenging tube, allowing the tube to be connected to the breathing system exhaust valve, or anaesthesia machine exhaust valve and the AGSS device.

The ISO standard is 30mm, and the ANSI standard is 19mm. Historically 22mm has also been used.

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| Code 1970000 | Code 1970001 | Code 1971000 | Code 1971001 | Code 1975000 |
| Box Qty. 35 | Box Qty. 75 | Box Qty. 25 | Box Qty. 75 | Box Qty. 50 |

[Make an enquiry](#)

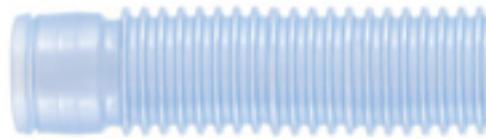
Scavenging tube

Tinted blue to differentiate it from the anaesthesia breathing system tubing used in operating theatres, the 30mm scavenging tube conforms to ISO standards for gas scavenging.

 Video available at www.intersurgical.com



 illustrated



| Code | Description | Box Qty. |
|---------|--|----------|
| 1574066 | 22mm Flextube blue scavenging tube – 50m roll cuffed at 0.4m | 1 |
| 1573000 | 22mm Flextube – 50m roll cuffed at 0.15m | 1 |
| 1574000 | 22mm Flextube – 50m roll cuffed at 0.4m | 1 |
| 1570000 | 30mm Flextube blue scavenging tube – 30m roll cuffed at 1.6m | 1 |
| 1574003 | 22mm Flextube scavenging tube – 30F connector, ≥5.2m | 5 |
| 2612011 | 22mm Compact scavenging tube – 30F connector, ≥6m | 20 |

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Clear straight connectors – reprocessable

The Alterna™ range of reprocessable straight connectors includes a specialised grip for easy removal and a variety of machine and patient-end connections.

| | |
|---|---------|
|  | 22M |
| Code | 9110000 |
| Box Qty. | 5 |

| | |
|---|---------|
|  | 22F |
| Code | 9111000 |
| Box Qty. | 5 |

| | |
|--|---------|
|  | 22M |
| Code | 9112000 |
| Box Qty. | 5 |

| | |
|---|---------|
|  | 22M/15F |
| Code | 9113000 |
| Box Qty. | 5 |

| | |
|---|---------|
|  | 15M |
| Code | 9122000 |
| Box Qty. | 5 |

| | |
|---|------------|
|  | 8mm spigot |
| Code | 9130000 |
| Box Qty. | 5 |

| | |
|--|---------|
|  | 15M |
| Code | 9121000 |
| Box Qty. | 5 |

| | |
|---|---------|
|  | 22M/15F |
| Code | 9134000 |
| Box Qty. | 5 |

[Make an enquiry](#)

Clear elbow connectors – reprocessable

The Alterna range of reprocessable elbow connectors includes a spigot and luer port options and a variety of machine and patient-end connections.

| | |
|---|---------|
|  | 15M |
| Code | 9115000 |
| Box Qty. | 5 |

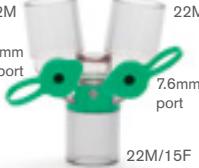
| | |
|---|----------------|
|  | Luer lock port |
| Code | 9114000 |
| Box Qty. | 5 |

| | |
|--|---------|
|  | Spigot |
| Code | 9131000 |
| Box Qty. | 5 |

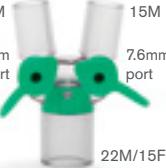
[Make an enquiry](#)

Clear Y-piece connectors – reprocessable

The Alterna range of reprocessable Y-piece connectors includes port and non-ported options.

| | |
|---|------------|
|  | 22M |
| 7.6mm port | 7.6mm port |
| Code | 9116000 |
| Box Qty. | 5 |

| | |
|---|---------|
|  | 22M |
| Code | 9117000 |
| Box Qty. | 5 |

| | |
|--|------------|
|  | 15M |
| 7.6mm port | 7.6mm port |
| Code | 9124000 |
| Box Qty. | 5 |

| | |
|---|---------|
|  | 15M |
| Code | 9123000 |
| Box Qty. | 5 |

[Make an enquiry](#)

Clear catheter mount

The Alterna™ reprocessable clear catheter mount.

| |
|---|
|  |
| Code 9120000 |
| Box Qty. 5 |

[Make an enquiry](#)

Ruben valve

The Ruben valve is a non-rebreathing valve designed to be used for non-rebreathing applications such as induction of anaesthesia.

| |
|--|
|  |
| Code 7562700 |
| Box Qty. 1 |

| |
|---|
|  |
| Code 7562710 |
| Box Qty. 1 |

[Make an enquiry](#)

Expiratory valves

These valves are designed to be used with reprocessable breathing systems.

| |
|--|
|  |
| Code 8686815 |
| Box Qty. 1 |
|  |
| Code 8686816 |
| Box Qty. 1 |
|  |
| Code 8686819 |
| Box Qty. 1 |
|  |
| Code 8686820 |
| Box Qty. 1 |

| |
|---|
|  |
| Code 8708801 |
| Box Qty. 1 |

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CO₂ Absorbents



Intersurgical offers a choice of medical grade CO₂ absorbents to suit all of your clinical requirements. LoFloSorb™, Spherasorb™ and Intersorb Plus™ have been developed to the highest standard to ensure that you receive a product that delivers consistent performance. Intersurgical is committed to offering this quality, together with innovative solutions and the widest choice possible.

Our range of CO₂ absorbents is different from some other brands because it is developed in-house. Our state-of-the-art manufacturing facility allows us to control all aspects, from design and formulation right through to the manufacture. Technical expertise is on-hand to ensure you receive a safe, high quality product every time.

Spherasorb™

A unique medical grade CO₂ absorbent designed specifically for clinical use, Spherasorb has a long history of use within anaesthesia and meets all the requirements of the United States and British Pharmacopoeias. Spherasorb's chemical formulation has been developed specifically to address the potential problems of use within the medical environment, while maintaining the highest possible CO₂ capacity.

Features and Benefits:

- Only 1.5% Sodium Hydroxide. Less than standard soda lime
- Zeolite to reduce the risk of drying out and provide pH buffering. No other absorbents contain a zeolite
- Spherasorb is made of 3-4mm spheres processed to minimise potential dusting. Its uniform shape allows hexagonal close packing and so consistent bed packing, resulting in a more even flow of gases through the absorber and therefore, a very efficient absorption of CO₂. These features provide Spherasorb with a very efficient CO₂ absorption

Independent tests have shown that Spherasorb's unique formulation significantly reduces the risk of drying out and reaction with volatile anaesthetic agents. Spherasorb exceeds the requirements of the United States Pharmacopedia (USP).

LoFloSorb™

A unique medical grade CO₂ absorbent that contains no Alkali Hydroxide, LoFloSorb has a long history of use within anaesthesia and meets all the requirements of the United States and British Pharmacopoeias. LoFloSorb eliminates the risk associated with reactions with volatile anaesthetics.

Features and Benefits:

- LoFloSorb contains no Potassium Hydroxide and no Sodium Hydroxide, therefore no aggressive chemicals that can react with volatile anaesthetics
- LoFloSorb is made of 3-4mm spheres processed to minimise potential dusting. Its uniform shape allows hexagonal close packing and so consistent bed packing, resulting in a more even flow of gases through the absorber
- LoFloSorb offers a very stable green to violet colour change. This eliminates the potential for exhausted product being mistaken for fresh

Due to the absence of any Alkali Hydroxide, LoFloSorb does not last as long as standard soda limes or Spherasorb. LoFloSorb meets all the requirements of the United States Pharmacopedia (USP).

Compound A is a breakdown product of Sevoflurane with dry absorbents. Independent tests have demonstrated that LoFloSorb eliminates the risk of reaction with Sevoflurane and other volatile anaesthetics even if completely dry.

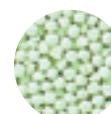
Intersorb™ Plus

Suitable for use within anaesthetic breathing systems Intersorb Plus is a conventional CO₂ absorbent comprised of short porous 3mm diameter strands. Available in two indicator colour changes, pink to white and white to violet, exhaustion of Intersorb Plus is clearly indicated by the colour change.

Intersorb Plus is entirely suitable for medical use and exceeds the requirements of the United States Pharmacopedia (USP).

What is in our products?

| | Spherasorb | LoFloSorb | Intersorb Plus | Other standard Soda Limes |
|----------------------------|------------|-----------|----------------|---------------------------|
| Calcium Hydroxide | 93.5% | 92.5% | 97% | 97% |
| Sodium Hydroxide | 1.5% | Nil | 3% | 3% |
| Silica Synthetic/amorphous | Nil | 7.5% | Nil | Nil |
| Zeolite | 5% | Nil | Nil | Nil |
| Indicator | 0.03% | 0.03% | 0.03% | 0.03% |



Please note: These are the dry constituents. All absorbents contain 13-17% water.



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Loose fill CO₂ absorbent options



| Code | Description | Size | Box Qty. |
|---------|--|------------|----------|
| 2179000 | Intersorb™ Plus, white to violet colour change | 5L jerican | 2 |
| 2180000 | Intersorb Plus, pink to white colour change | 5L jerican | 2 |
| 2175000 | Spherasorb™, white to violet colour change | 5L jerican | 2 |
| 2173000 | Spherasorb, white to violet colour change | 1kg bag | 10 |
| 2174000 | Spherasorb, pink to white colour change | 5L jerican | 2 |
| 2172000 | Spherasorb, pink to white colour change | 1kg bag | 10 |
| 2178000 | LoFloSorb™, green to violet colour change | 5L jerican | 2 |

[Make an enquiry](#)

The Drum™

1kg pre-filled disposable absorbent cartridge

The Drum is Intersurgical's easy to use, pre-filled 1kg absorbent cartridge developed specifically for clinical use during anaesthesia and can be used on numerous anaesthetic machines with single or double absorbers designed to take the conventional design of pre-filled cartridges.



| Code | Description | Size | Box Qty. |
|---------|---|------|----------|
| 2186000 | The Drum, Spherasorb CO ₂ absorbent cartridge, white to violet colour change | 1kg | 10 |
| 2187000 | The Drum, Spherasorb CO ₂ absorbent cartridge, pink to white colour change | 1kg | 10 |
| 2188000 | The Drum, LoFloSorb CO ₂ absorbent cartridge, green to violet colour change | 1kg | 10 |

[Make an enquiry](#)

The Pyramid™

1kg pre-filled disposable carbon dioxide absorber

The Pyramid is an easy to use disposable absorber specifically developed for clinical use during anaesthesia to absorb carbon dioxide within an anaesthetic breathing system. Compatible with the following Dräger® anaesthetic workstations providing it is used in conjunction with the CLIC® adaptor: Apollo®, Fabius®, Julian®, Perseus®, Primus® and Zeus®.



It is essential that the user follows the instructions for use of the Dräger anaesthetic workstation concerned. Refer to the instructions for use supplied with each box of Intersurgical Pyramid absorbers.

| Code | Description | Size | Box Qty. |
|---------|--|------|----------|
| 2191001 | The Pyramid, Spherasorb™ disposable CO ₂ absorber, white to violet colour change | 1kg | 6 |
| 2192001 | The Pyramid, Spherasorb disposable CO ₂ absorber, pink to white colour change | 1kg | 6 |
| 2193001 | The Pyramid, LoFloSorb™ disposable CO ₂ absorber, green to violet colour change | 1kg | 6 |

[Make an enquiry](#)

IS Can™

1kg pre-filled disposable carbon dioxide absorber

The IS Can offers ease of exchange with minimal handling and provides a further option for customers who have made the choice to use pre-fills. Compatible with GE Healthcare® anaesthetic machines; Aisys®, Aespire® and Avance® and also the GE® ADU machine.



Video available at www.intersurgical.com



| Code | Description | Size | Box Qty. |
|---------|--|------|----------|
| 2196000 | IS Can, Spherasorb disposable CO ₂ absorber, white to violet colour change | 1kg | 6 |
| 2197000 | IS Can, Spherasorb disposable CO ₂ absorber, pink to white colour change | 1kg | 6 |
| 2198000 | IS Can, LoFlosorb disposable CO ₂ absorber, green to violet colour change | 1kg | 6 |

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Dräger® compatibility guide

| Machine | Loose fill | The Drum™ | The Pyramid™ | IS Can™ |
|--|------------|-----------|--------------|---------|
| Perseus® with CLIC™ adaptor | - | - | ✓ | - |
| Perseus® with refillable absorber | ✓ | - | - | - |
| Zeus® with CLIC™ adaptor | - | - | ✓ | - |
| Zeus® with refillable absorber | ✓ | - | - | - |
| Primus®/Apollo® with CLIC™ adaptor | - | - | ✓ | - |
| Primus®/Apollo® with refillable absorber | ✓ | - | - | - |
| Fabius Tiro® with CLIC™ adaptor | - | - | ✓ | - |
| Fabius Tiro® with refillable absorber | ✓ | - | - | - |
| Fabius® GS with CLIC™ adaptor | - | - | ✓ | - |
| Fabius® GS with refillable absorber | ✓ | - | - | - |
| Fabius® CE with CLIC™ adaptor | - | - | ✓ | - |
| Fabius® CE with refillable absorber | ✓ | - | - | - |
| Julian® with CLIC™ adaptor | - | - | ✓ | - |
| Julian® with refillable absorber | ✓ | - | - | - |
| Cicero™ with CLIC™ adaptor | - | - | ✓ | - |
| Cicero™ with refillable absorber | ✓ | - | - | - |
| Cato® with CLIC™ adaptor | - | - | ✓ | - |
| Cato® with refillable absorber | ✓ | - | - | - |
| Narkomed® 2B | ✓ | ✓ | - | - |
| Narkomed® 4 | ✓ | ✓ | - | - |
| Narkomed® GS | ✓ | ✓ | - | - |
| Narkomed® Mobile | ✓ | ✓ | - | - |
| Other | ✓ | - | - | - |

GE Healthcare® compatibility guide

| Machine | Loose fill | The Drum™ | The Pyramid™ | IS Can™ |
|---|------------|-----------|--------------|---------|
| Aisys® using the pre-filled Multiabsorber | - | - | - | ✓ |
| Aisys® using the refillable Multiabsorber | ✓ | - | - | ✓ |
| Avance® using the pre-filled Multiabsorber | - | - | - | ✓ |
| Avance® using the refillable Multiabsorber | ✓ | - | - | ✓ |
| Aespire® reusing the pre-filled Multiabsorber | - | - | - | ✓ |
| Aespire® using the refillable Multiabsorber | ✓ | - | - | ✓ |
| ADU using the pre-filled Compact absorber | - | - | - | ✓ |
| ADU using the refillable Compact absorber | ✓ | - | - | ✓ |
| Aestiva® | ✓ | ✓ | - | - |
| Excel® | ✓ | ✓ | - | - |
| Modulus™ | ✓ | ✓ | - | - |
| Other | ✓ | D.o.M. | - | - |

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Maquet® (formerly Siemens®) compatibility guide

| Machine | Loose fill | The Drum™ | The Pyramid™ | IS Can™ |
|----------------------------------|------------|-----------|--------------|---------|
| KION®-i | ✓ | ✓ | - | - |
| FLOW™-i with refillable absorber | ✓ | - | - | - |
| Other | D.o.M. | - | - | - |

Spacelabs® compatibility guide

| Machine | Loose fill | The Drum™ | The Pyramid™ | IS Can™ |
|------------|------------|-----------|--------------|---------|
| ARKON® | D.o.M. | - | ✓ | - |
| Focus™ | ✓ | ✓ | - | - |
| Frontline™ | ✓ | ✓ | - | - |
| Sirius™ | ✓ | ✓ | - | - |
| Other | ✓ | D.o.M. | - | - |

Penlon® compatibility guide

| Machine | Loose fill | The Drum™ | The Pyramid™ | IS Can™ |
|---------------------|------------|-----------|--------------|---------|
| A100™ | ✓ | ✓ | - | - |
| SP100™ | ✓ | ✓ | - | - |
| SP200™ | ✓ | ✓ | - | - |
| Other | ✓ | D.o.M. | - | - |
| Other manufacturers | D.o.M. | D.o.M. | D.o.M. | D.o.M. |

Mindray®

| Machine | Loose fill | The Drum™ | The Pyramid™ | IS Can™ |
|---------|------------|-----------|--------------|---------|
| A5 | ✓ | ✓ | - | - |
| A7 | ✓ | ✓ | - | - |

Other manufacturers compatibility guide

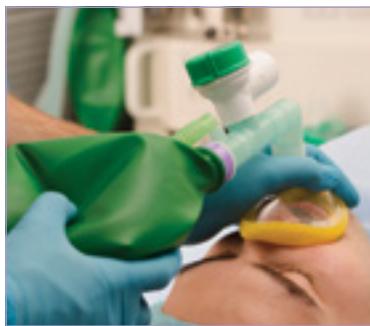
| Machine | Loose fill | The Drum™ | The Pyramid™ | IS Can™ |
|-----------------------------|------------|-----------|--------------|---------|
| Other manufacturers machine | D.o.M. | D.o.M. | D.o.M. | D.o.M. |

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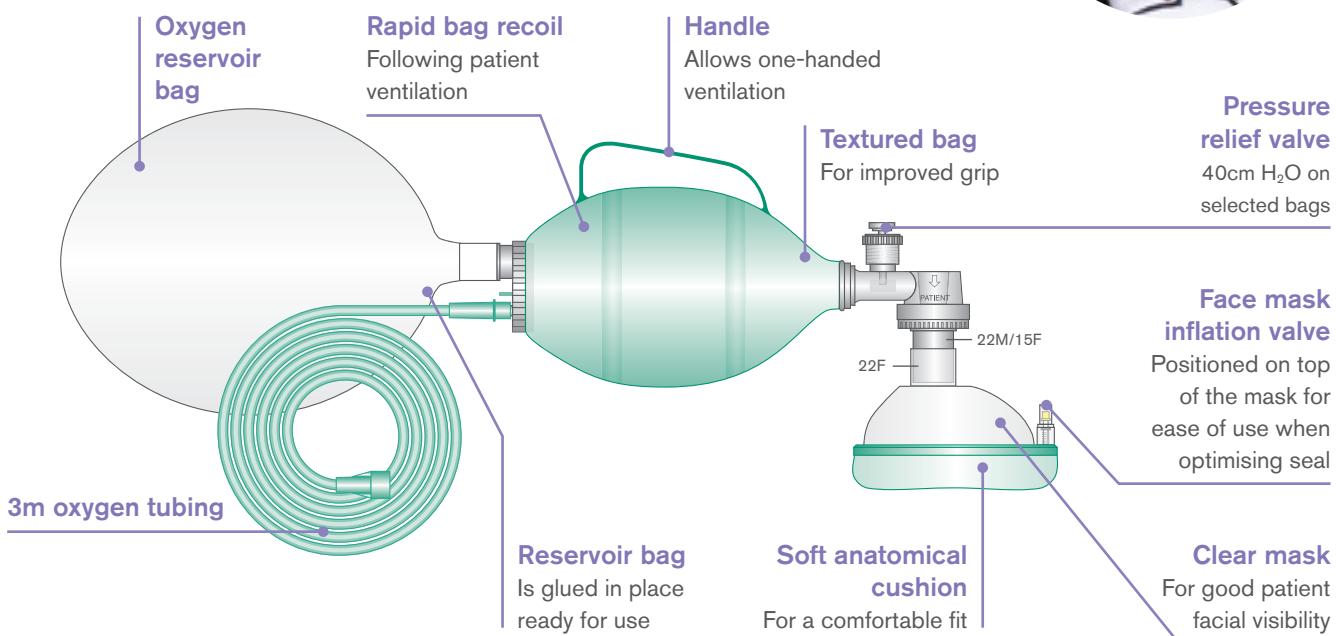


Resuscitation and Emergency Care



Bag-Valve-Mask (BVM) resuscitators

In an emergency situation time is vital, there is no opportunity to check patient history and expensive re-usable equipment can often become contaminated. To avoid cross infection from blood, vomit and secretions we offer a complete range of single-use BVM resuscitators for use in resuscitation and emergency care.



| Code | Description | Mask Size | Box Qty. |
|---------|---|-----------|----------|
| 7152000 | BVM resuscitator, adult, 1.5L bag | 5 | 6 |
| 7153000 | BVM resuscitator, small adult/paediatric, 1L bag with pressure relief valve (40cm H ₂ O) | 4 | 6 |
| 7151000 | BVM resuscitator, paediatric, 550ml bag with pressure relief valve (40cm H ₂ O) | 3 | 5 |
| 7154000 | BVM resuscitator, paediatric, 550ml bag with pressure relief valve (40cm H ₂ O) | 1 | 5 |
| 7150000 | BVM resuscitator, infant, 280ml bag with pressure relief valve (40cm H ₂ O) | 1 | 5 |

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BVM accessories



| Code | Description | Box Qty. |
|---------|--|----------|
| 7161000 | PEEP valve adapter for use with BVM resuscitation breathing systems | 10 |
| 2205000 | C-PEEP fixed value PEEP valve, preset at 5cm H ₂ O, blue | 5 |
| 2202000 | C-PEEP fixed value PEEP valve, preset at 2.5cm H ₂ O, black | 5 |
| 2226000 | Adjustable PEEP valve 2.5–20cm H ₂ O, 22M | 10 |
| 7162000 | Pressure manometer | 10 |

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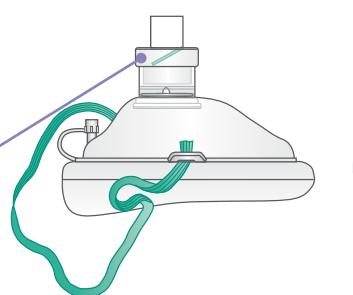
Pocket resuscitation mask

The quick and convenient, ready to use resuscitation mask

Allows you to give immediate respiratory support to your patient without compromising yourself. Vastly improving the hygiene of mouth-to-mouth resuscitation, the one-way protection valve means gas can pass from the resuscitator to patient without any physical contact between two, minimising the risk of cross contamination. The soft cuff moulds itself to the contours of the patient's face providing a comfortable air-tight seal, and the crystal clear mask makes for perfect visualisation of the patient's colour giving an immediate indication of the effectiveness of respiratory support. Any vomit, mucous or foreign body blocking the patient's airway can be easily seen. Fitted with a standard 15mm male connector, it will fit our standard resuscitation and breathing systems. An oxygen connector allows for the delivery of supplementary oxygen.



The one-way protection valve allows gas to pass from the rescuer to patient without any physical contact between the two



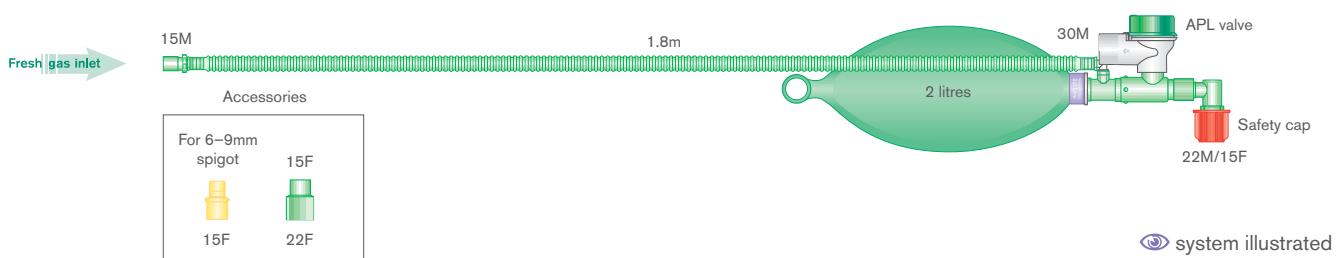
Tamper evident label

| Code | Description | Box Qty. |
|---------|--|----------|
| 1158000 | Pocket mask with supplementary oxygen connector, headstrap, filter and protective carry case | 16 |

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Adult bagging systems – Mapleson C

The versatile Mapleson C System is ideally suited for use in intensive care, recovery areas and accident and emergency departments. Used for induction of anaesthesia, resuscitation, patient transport and 'bagging', the system offers more 'feel' of the patient's lung compliance than that provided by a BVM resuscitation system.



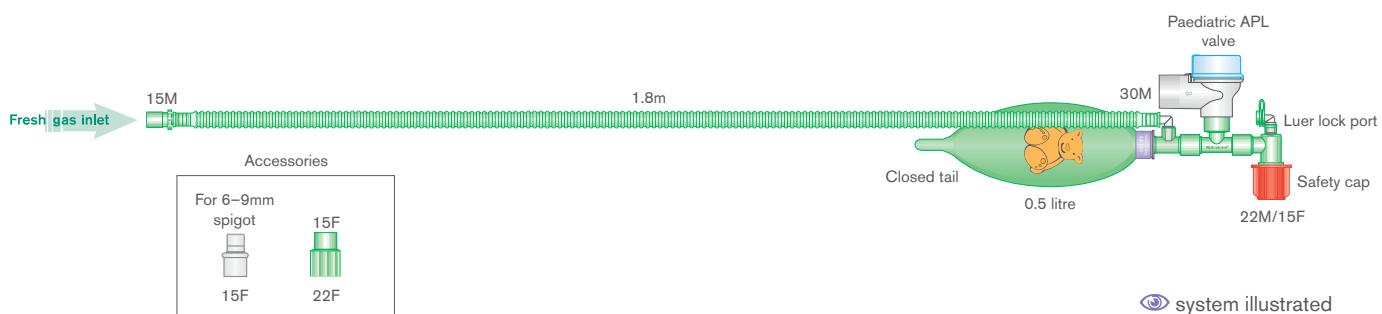
| Code | Description | Box Qty. |
|--------------|---|----------|
| 2108000 (S*) | Adult, Mapleson C bagging system with 2L bag, ≥1.8m | 15 (20*) |

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Paediatric bagging systems



Available in 0.5 and 1 litre options, this paediatric version of the universally accepted adult bagging system incorporates a CO₂ monitoring elbow at the patient connection for direct sampling. This system can be utilised in a wide range of clinical applications including physiotherapy, patient transfer, resuscitation, and may be used for both spontaneously breathing and hand ventilated patients in theatre and recovery.



| Code | Description | Box Qty. |
|--------------|--|----------|
| 2124000 (S*) | Paediatric, bagging system with 0.5L closed tail bag, ≥1.8m | 15 (20*) |
| 2126000 | Paediatric, bagging system with 1L closed tail bag, ≥1.8m | 15 |
| 2812000 | Reservoir bag, 1L with anti occlusion cage mount and Baggins the Bear design, 15F neck | 10 |
| 2806000 | Reservoir bag, 0.5L with anti occlusion cage mount and Baggins the Bear design, 15F neck | 10 |

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Baggins the Bear design

Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).



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O₂/N₂O breathing systems

These systems are designed for use with the various brands of 50% oxygen and 50% nitrous oxide analgesic gas, administered in three different ways, as follows:

- Free flow via a variable flow meter
- Remote cylinder or wall mounted demand valve
- Hand-held demand valve

There are many therapeutic indications for this gas, such as: emergency care, trauma, burns, reduction of simple fractures, delivery rooms, dental, endoscopy and transport.

 Video available at www.intersurgical.com



O₂/N₂O breathing systems for free-flow applications

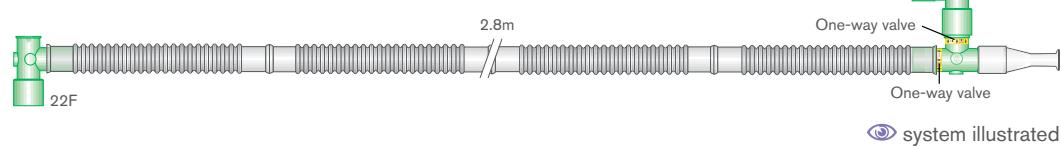


| Code | Description | Box Qty. |
|---------|--|----------|
| 2612000 | O ₂ /N ₂ O breathing system with a 2L PVC bag for single-use | 25 |
| 2612001 | O ₂ /N ₂ O breathing system with a 2L latex-free reservoir bag, for repeated use | 25 |
| 2611005 | O ₂ /N ₂ O breathing system with a 2L reservoir bag, oxygen tube ≥1.8m, filter | 4 |

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O₂/N₂O breathing systems for remote demand valve applications

Designed specifically for use with analgesic gas administered via a cylinder-mounted or wall-mounted demand valve.



| Code | Description | Box Qty. |
|---------|---|----------|
| 2620001 | O ₂ /N ₂ O breathing system with a mouthpiece and one-way valves, ≥2.8m | 20 |
| 2630001 | O ₂ /N ₂ O breathing system with mask and one-way valves, ≥2.8m | 20 |

[Make an enquiry](#)

O₂/N₂O breathing attachment for hand-held demand valve applications

Designed specifically for use with analgesic gas administered via a hand-held demand valve.



| Code | Description | Box Qty. |
|---------|---|----------|
| 1644137 | Clear-Guard™ Midi low volume breathing filter with mouthpiece | 50 |
| 1344131 | Inter-Guard™ breathing filter with mouthpiece | 50 |

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Critical Care

Respiratory products for ventilatory support in Intensive Care and High Dependency Units, for adult, paediatric and neonatal patients.

| | |
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| Breathing Systems for Critical Care..... | 90 |
| Humidification Chambers..... | 103 |
| Accessories..... | 104 |
| Patient Interfaces | 108 |
| Oral Care..... | 116 |
| TrachSeal™ Closed Suction Systems..... | 120 |
| Connectors | 124 |





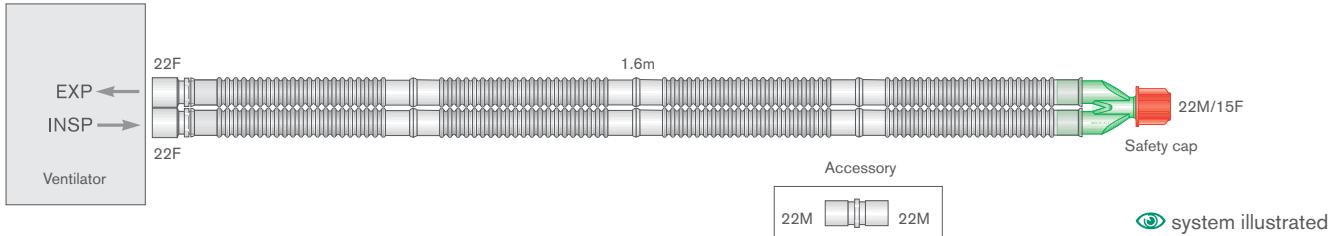
Breathing Systems for Critical Care



Flextube™ breathing systems for passive humidification

A range of 22mm, 15mm and 10mm Flextube breathing systems for passive humidification featuring a unique clip feature that creates an airtight fit when used with Intersurgical connectors, and ensures no leaks or disconnections.

Please see page 5 for a guide to our tube types.



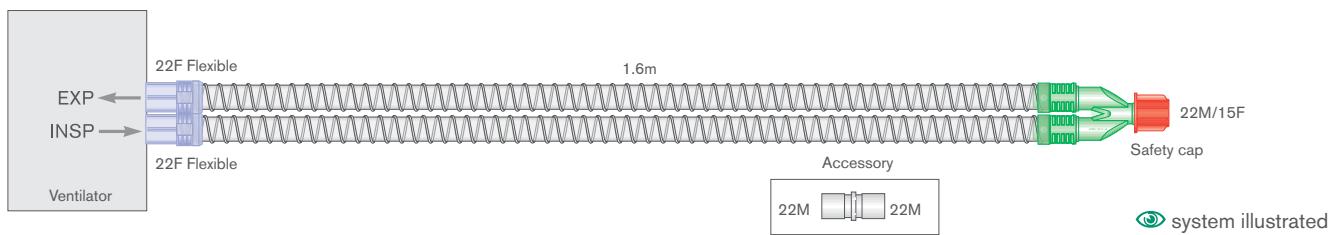
| Code | Description | Box Qty. |
|--------------|--|----------|
| 2000000 (S*) | 22mm Flextube breathing system. ≥ 1.6m | 20 (15*) |
| 2000100 | 22mm Silver Knight™ anti-microbial Flextube breathing system. ≥ 1.6m | 20 |
| 2200000 | 22mm Flextube breathing system with detachable limb. ≥ 1.6m | 20 |
| 2002000 | 22mm Flextube breathing system with extra limb. ≥ 1.6m | 14 |
| 2004000 | 22mm Flextube breathing system with ported Y-piece and extra limb. ≥ 1.6m | 14 |
| 2006000 | 22mm Flextube breathing system. ≥ 2.0m | 15 |
| 2001000 (S*) | 22mm Flextube breathing system. ≥ 2.4m | 15 (10*) |
| 2003000 | 22mm Flextube breathing system with extra limb. ≥ 2.4m | 14 |
| 4500000 | 15mm Flextube breathing system with ported Y-piece. ≥ 1.6m | 12 |
| 6202000 | 10mm Flextube transport breathing system with 22F machine connections and swivel Y-piece. ≥ 1.6m | 10 |

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Smoothbore breathing systems for passive humidification

Smoothbore tubing incorporates flexible end connectors at the machine end that are welded on to the tube, preventing leakage or disconnection.

Please see page 5 for a guide to our tube types.



| Code | Description | Box Qty. |
|--------------|---|----------|
| 5000000 (S*) | 22mm Smoothbore breathing system. ≥ 1.6m | 12 (20*) |
| 5001000 (S*) | 22mm Smoothbore breathing system. ≥ 2.0m | 15 (15*) |
| 5200000 | 22mm Eco Smoothbore breathing system. ≥ 1.6m | 20 |
| 5016000 | 15mm Smoothbore breathing system with straight 15mm Y-piece. ≥ 1.6m | 12 |
| 5024000 | 15mm Smoothbore breathing system with straight 15mm Y-piece. ≥ 2.4m | 10 |

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Lower environmental impact product Silver Knight - please see more information on page 60 Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).



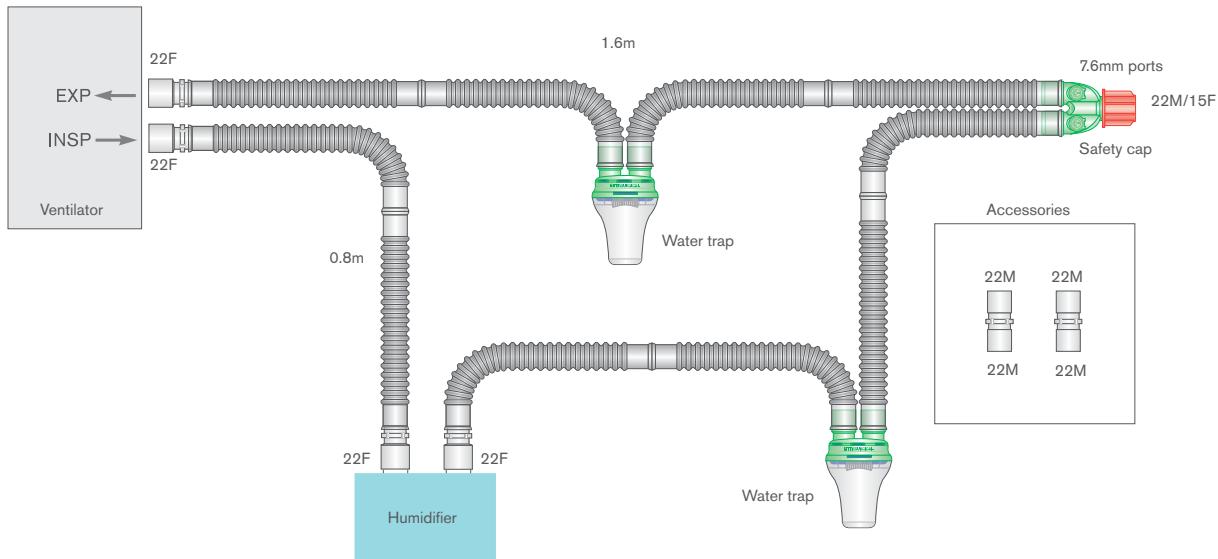
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Flextube™ breathing systems for active humidification with self-sealing water traps

These Flextube breathing systems are available for a variety of applications, including active humidification where a heated wire is not required. Featuring our self-sealing water trap used for collection of condensate, the self-sealing facility allows the water trap to be emptied without interrupting flow or losing pressure while remaining airtight.

Please see page 5 for a guide to our tube types.



system illustrated

| Code | Description | Box Qty. |
|--------------|--|----------|
| 2009000 (S*) | 22mm Flextube breathing system with water traps, ported Y-piece and extra limb. ≥ 1.6m | 15 (7*) |
| 2009100 | 22mm Silver Knight™ anti-microbial Flextube breathing system with water traps, ported Y-piece and extra limb. ≥ 1.6m | 15 |
| 2209000 | 22mm Flextube breathing system with detachable limb and extra limb. ≥ 1.6m | 15 |
| 2034000 | 22mm Flextube breathing system for use with Dräger® Aquapor™ with water traps and extra limb. ≥ 1.6m | 15 |
| 2034100 | 22mm Silver Knight anti-microbial Flextube breathing system for Dräger Aquapor™ humidifier with water traps and extra limb. ≥ 1.6m | 15 |
| 4503000 | 22mm Flextube breathing system with water traps and ported Y-piece. ≥ 1.6m | 15 |
| 4510000 | 10mm Flextube universal breathing system with neonatal water traps and extra limb. ≥ 1.6m | 15 |

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Silver Knight - please see more information on page 60

Sterile option available

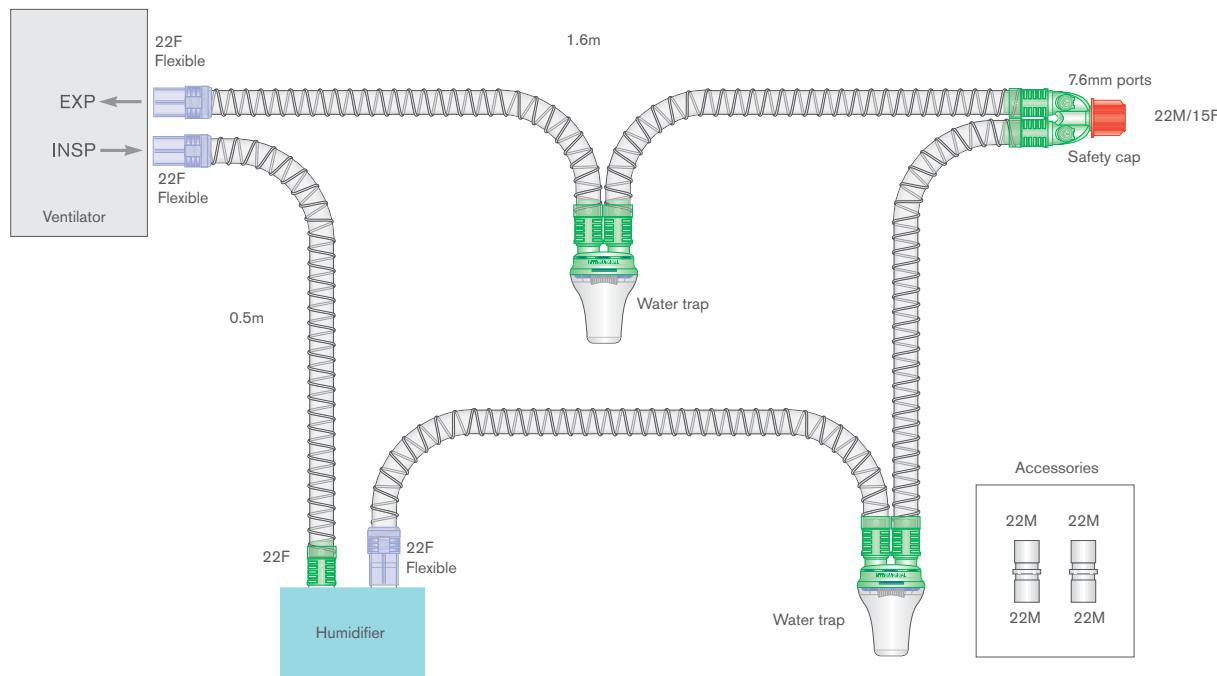
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Smoothbore breathing systems for active humidification with self-sealing water traps

Smoothbore breathing systems with water trap offer a lower tube compliance, more efficient water management and reduced system volume for more efficient ventilation.

Please see page 5 for a guide to our tube types



system illustrated

| Code | Description | Box Qty. |
|--------------|--|----------|
| 5007000 (S*) | 22mm Smoothbore breathing system with water trap and ported Y-piece. ≥ 1.6m | 10 (15*) |
| 5008000 | 22mm Smoothbore breathing system with water traps and ported Y-piece. ≥ 1.6m | 10 |
| 5009000 (S*) | 22mm Smoothbore breathing system with water traps, ported Y-piece and extra limb. ≥ 1.6m | 10 (12*) |
| 5209000 | 22mm Eco Smoothbore breathing system with water traps, ported Y-piece and extra limb. ≥ 1.6m | 16 |
| 5207000 | 22mm Eco Smoothbore breathing system with water trap and ported Y-piece. ≥ 1.6m | 18 |
| 5513000 (S*) | 15mm Smoothbore breathing system with water traps, ported Y-piece and extra limb. ≥ 1.6m | 12 (15*) |
| 5503000 | 10mm Smoothbore breathing system with 22F machine connections, neonatal water traps, extra limb and elastomeric adaptors. ≥ 1.6m | 15 |

[Make an enquiry](#)



Lower environmental impact product

Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).



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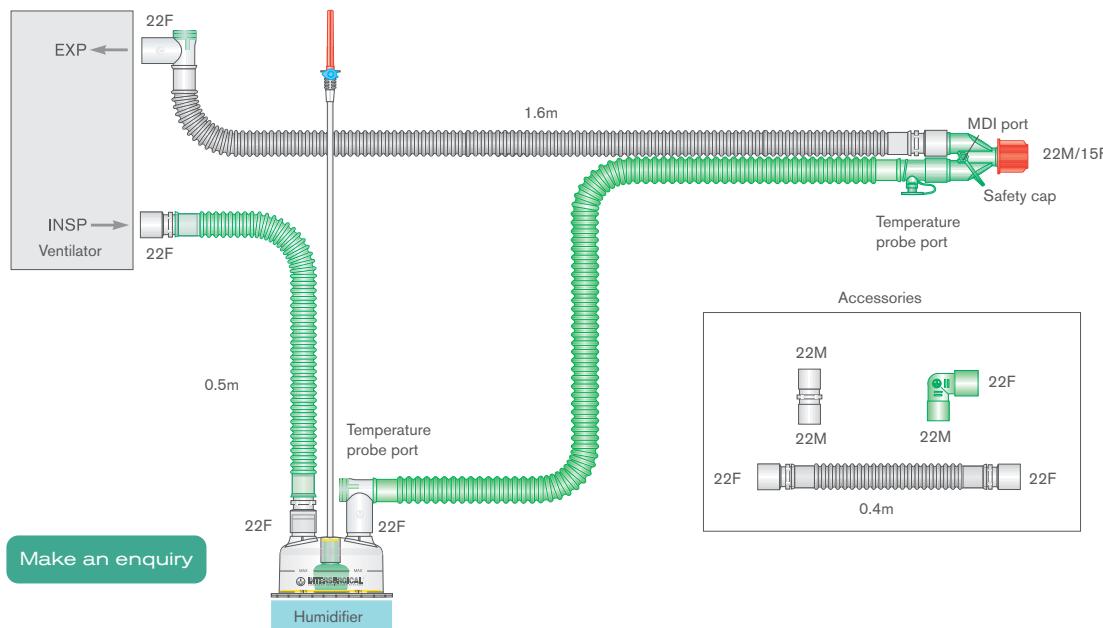
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Flextube™ breathing systems for active humidification with heated wire

Available with single or dual heated wires and an auto fill humidification chamber if required. All Intersurgical active humidification breathing systems are suitable for use with the majority of humidification base units.

Silver Knight™ breathing systems include anti-microbial protection designed to help slow down the proliferation of micro-organisms and reduce cross infection within the Intensive Care environment. On heated wire Silver Knight breathing systems, both the green inspiratory and the lilac expiratory limbs include the anti-microbial additive for added protection against healthcare acquired infections.

Please see page 5 for a guide to our tube types.



[Make an enquiry](#)

Dual heated wire

system illustrated

| Code | Description | Box Qty. |
|--------------|---|----------|
| 2026000 | 22mm Flextube dual heated wire breathing system with extra limbs. ≥ 1.6m | 10 |
| 2026310 (S*) | 22mm Flextube dual heated wire breathing system with auto-fill chamber and extra limb. ≥ 1.6m | 7 (6*) |
| 2026100 | 22mm Flextube – Silver Knight dual heated wire breathing system with extra limb. ≥ 1.6m | 10 |
| 2026131 | 22mm Flextube – Silver Knight dual heated wire breathing system with auto-fill chamber and extra limb. ≥ 1.6m | 7 |
| 4525850 | 15mm Flextube dual heated wire breathing system with extra limb. ≥ 1.6m | 15 |
| 6392810 | 10mm Flextube dual heated wire breathing system with auto-fill chamber and extra limb. ≥ 1.6m | 7 |

Single heated wire

| Code | Description | Box Qty. |
|--------------|---|----------|
| 2025000 | 22mm Flextube single heated wire breathing system with water trap and extra limb. ≥ 1.6m | 10 |
| 2025310 (S*) | 22mm Flextube single heated wire breathing system with water trap, auto-fill chamber and extra limb. ≥ 1.6m | 7 (5*) |
| 2025100 | 22mm Flextube – Silver Knight single heated wire breathing system with water trap and extra limb. ≥ 1.6m | 10 |
| 2025131 | 22mm Flextube – Silver Knight single heated wire breathing system with water trap, auto-fill chamber and extra limb. ≥ 1.6m | 7 |
| 4504810 | 15mm Flextube single heated wire breathing system with water trap, auto-fill chamber and extra limb. ≥ 1.2m | 7 |
| 6091810 | 10mm Flextube single heated wire breathing system with neo water trap, auto-fill chamber and extra limb. ≥ 1.6m | 20 |

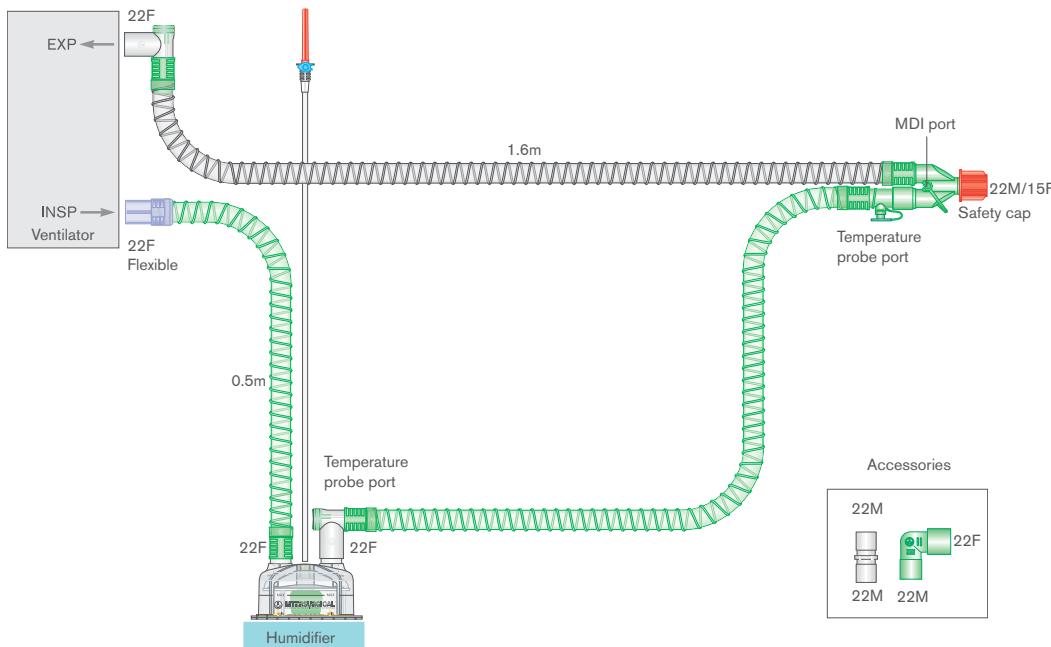
Sterile option available Silver Knight - please see more information on page 60

(S*) Add an S to the seven digit code number for the sterile version of this product eg.5000000S (sterile box quantity is shown in brackets).

Smoothbore breathing systems for active humidification with heated wire

A range of Smoothbore breathing systems for active humidification, available with single or dual heated wires and an auto fill humidification chamber if required.

Please see page 5 for our guide to our tube types



Dual heated wire

system illustrated

| Code | Description | Box Qty. |
|--------------|---|----------|
| 5026000 | 22mm Smoothbore dual heated wire breathing system with extra limb. ≥ 1.6m | 10 |
| 5026310 (S*) | 22mm Smoothbore dual heated wire breathing system with auto-fill chamber and extra limb. ≥ 1.6m | 8 (7*) |
| 5507850 | 15mm Smoothbore dual heated wire breathing system with extra limb. ≥ 1.6m | 15 |
| 5518850 | 10mm Smoothbore dual heated wire breathing system with extra limb. ≥ 1.6m | 15 |

Single heated wire

| Code | Description | Box Qty. |
|--------------|---|----------|
| 5025000 | 22mm Smoothbore single heated wire breathing system with water trap and extra limb. ≥ 1.6m | 10 |
| 5025310 (S*) | 22mm Smoothbore single heated wire breathing system with water trap, auto-fill chamber and extra limb. ≥ 1.6m | 7 (7*) |
| 5504850 | 15mm Smoothbore single heated wire breathing system with water trap and extra limb. ≥ 1.6m | 15 |
| 5508850 (S*) | 10mm Smoothbore single heated wire breathing system with neo water trap and extra limb. ≥ 1.6m | 15 (15*) |
| 5068810 | 10mm Smoothbore single heated wire breathing system for Dräger® straight or angled flow sensor with neo water trap, Nitric Oxide adaptors, auto-fill chamber and extra limb. ≥ 1.2m | 7 |

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Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).

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Bilevel breathing systems range

Intersurgical have a complete range of Flextube™ bilevel breathing systems compatible with turbine driven bilevel machines that require a single limb breathing system.

Our bilevel products offer breathing system solutions with CO₂ leak port for use with standard NIV (Non-invasive Ventilation) masks, and systems without CO₂ leak port for use with ported NIV masks. Breathing systems without proximal airway pressure monitoring lines are also available for those machines that do not require this feature.

Breathing systems in this range are suitable for adult and paediatric patients where specified.

Because of the high flows used in bilevel treatments, the best solution for adult ventilation, with active humidification, is a 30mm Flextube breathing system and for paediatric ventilation with active humidification, a 22mm Flextube breathing system.

Increasing the diameter of the tube over the heated wire section of the breathing system in each case substantially reduces the gas velocity, improving the gas contact with the heated wire for greater efficiency without affecting flow rates.

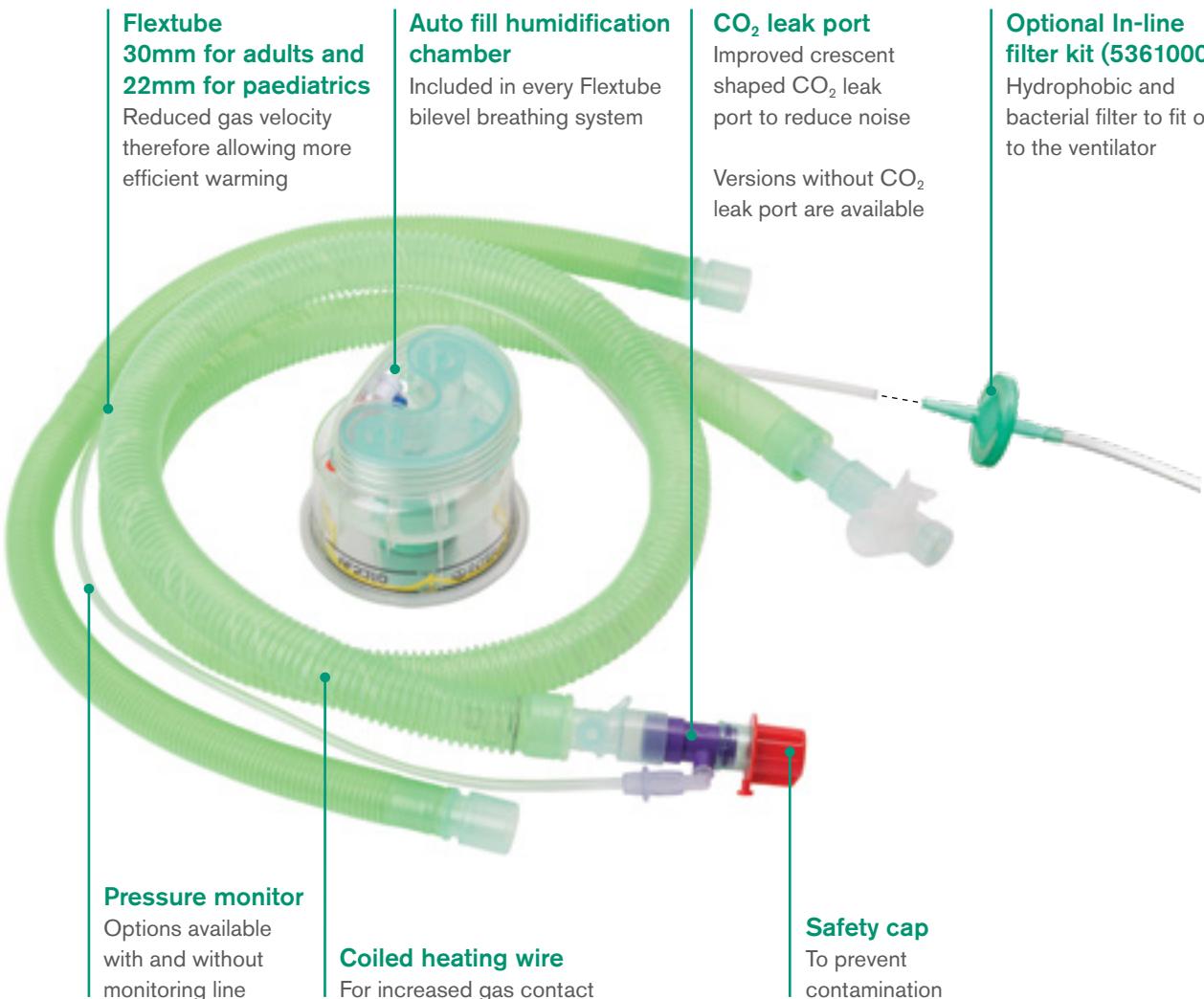
If monitoring line filtration is required, the optional in-line filter kit can be added to any system that includes a monitoring line. Machine connection filtration can be added using a low-resistance Flo-Guard breathing filter (1690000). You can find more information about Flo-Guard breathing filters on page 35.

Passive bilevel breathing systems are also available in Smoothbore tubing as they offer a perfect solution for dry, high-flow gas.

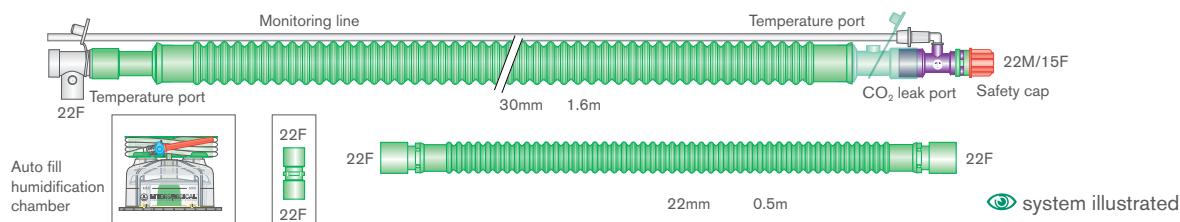
Please see page 5 for a guide to our tube types.

Please see pages 109 and 110 for adult NIV patient interface options.

 Video available at www.intersurgical.com



30mm Flextube™ bilevel breathing systems for active humidification (adult)



system illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 2031000 | 30mm Flextube bilevel heated wire breathing system with swivel CO ₂ leak port, monitor line, auto-fill chamber and extra limb. ≥ 1.6m | 6 |
| 2331000 | 30mm Flextube bilevel heated wire breathing system with swivel patient connector, monitor line, auto-fill chamber and extra limb. ≥ 1.6m | 6 |
| 2031004 | 30mm Flextube bilevel heated wire breathing system with swivel CO ₂ leak port, monitor line, auto-fill chamber, Flo-Guard 7 and extra limb. ≥ 1.6m | 6 |
| 2334000 | 30mm Flextube bilevel heated wire breathing system with swivel CO ₂ leak port, auto-fill chamber and extra limb. ≥ 1.6m | 6 |
| 2335000 | 30mm Flextube bilevel heated wire breathing system with swivel patient connector, auto-fill chamber and extra limb. ≥ 1.6m | 6 |

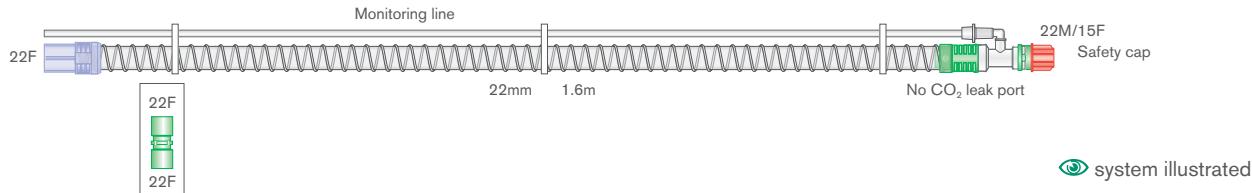
22mm Flextube bilevel breathing systems for active humidification (paediatric)

| Code | Description | Box Qty. |
|---------|--|----------|
| 2032000 | 22mm Flextube bilevel heated wire breathing system with swivel CO ₂ leak port, monitor line, auto-fill chamber and extra limb. ≥ 1.6m | 7 |
| 2431000 | 22mm Flextube bilevel heated wire breathing system with swivel patient connector, monitor line, auto-fill chamber and extra limb. ≥ 1.6m | 7 |
| 2332000 | 22mm Flextube bilevel heated wire breathing system with swivel CO ₂ leak port, auto-fill chamber and extra limb. ≥ 1.6m | 7 |
| 2432000 | 22mm Flextube bilevel heated wire breathing system with swivel patient connector, auto-fill chamber and extra limb. ≥ 1.6m | 7 |

| Code | Description | Box Qty. |
|---------|--|----------|
| 5361000 | In-line filter kit for bilevel breathing systems | 60 |

[Make an enquiry](#)

22mm Smoothbore bilevel breathing systems for passive humidification



system illustrated

| Code | Description | Box Qty. |
|--------------|--|----------|
| 5805000 | 22mm Smoothbore bilevel breathing system with monitoring line and swivel CO ₂ leak port. ≥ 1.6m | 35 |
| 5825000 | 22mm Smoothbore bilevel breathing system with monitoring line and swivel patient connector. ≥ 1.6m | 25 |
| 5808000 | 22mm Smoothbore bilevel breathing system with split monitoring line and swivel CO ₂ leak port. ≥ 1.6m | 25 |
| 5804000 | 22mm Smoothbore bilevel breathing system with swivel CO ₂ leak port. ≥ 1.8m | 30 |
| 5018000 (S*) | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 1.8m | 20 (25) |

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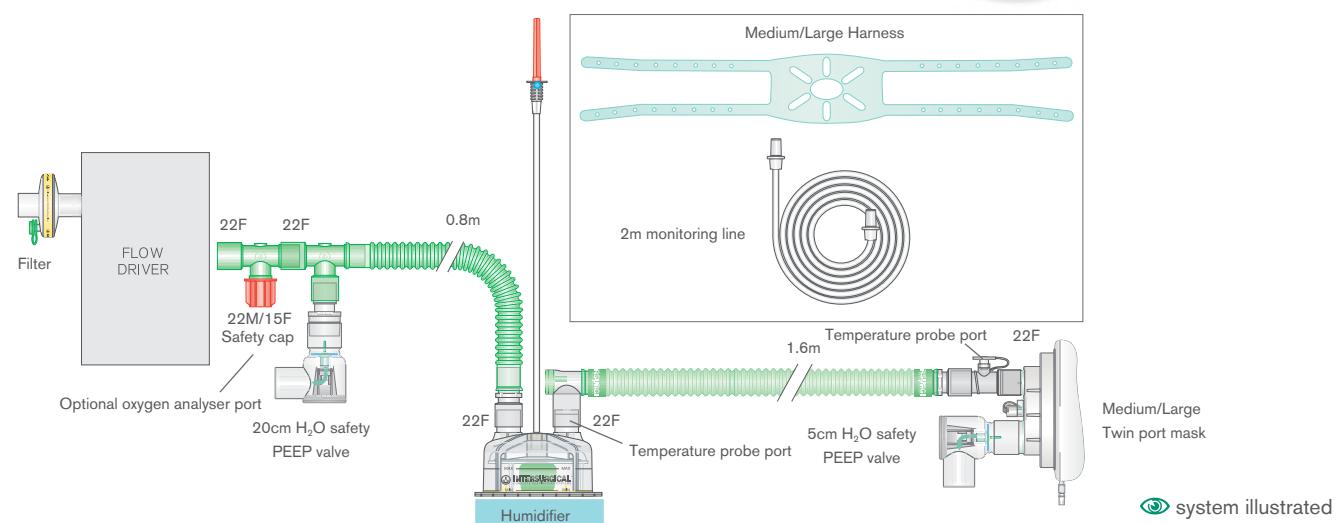
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CPAP breathing systems for use with flow drivers requiring a safety valve

CPAP (Continuous Positive Airway Pressure) breathing systems offer active and passive humidification options with a mask or T-piece patient connector, and are compatible with the most common venturi types of flow drivers used in hospitals.

Conveniently designed for use straight from the pack.

All systems include a 20cm H₂O safety valve, a 5cm H₂O PEEP valve and air inlet filter.



system illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 2230000 | 22mm Flextube CPAP breathing system with monitoring line (removable), mask, harness, 5 and 20cm H ₂ O PEEP valves and Clear-Guard™ Midi™ filter. ≥ 2.0m | 15 |
| 2231000 | 22mm Flextube CPAP heated wire breathing system with mask, harness, monitor line, 5 and 20cm H ₂ O PEEP valves, auto-fill chamber, Clear-Guard Midi and extra limb. ≥ 1.6m | 12 |
| 2234000 | 22mm Flextube CPAP breathing system with monitoring line (removable), 5 and 20cm H ₂ O PEEP valves and extra limb. ≥ 2.0m | 20 |
| 2235000 | 22mm Flextube CPAP heated wire breathing system with 5 and 20cm H ₂ O PEEP valves, monitor line, auto-fill chamber, Clear-Guard Midi and extra limbs. ≥ 1.6m | 12 |
| 2240000 | 22mm Flextube CPAP heated wire breathing system with 5 and 20cm H ₂ O PEEP valves, monitor line, Clear-Guard Midi and extra limbs. ≥ 1.6m | 15 |

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CPAP masks and harnesses

| Code | Description | Box Qty. |
|---------|---|----------|
| 2222000 | Twin ported CPAP mask adult, medium/large | 12 |
| 2221000 | Twin ported CPAP mask adult, small | 12 |
| 2224000 | Harness for CPAP mask adult, medium/large | 12 |
| 2223000 | Harness for CPAP mask adult, small | 12 |

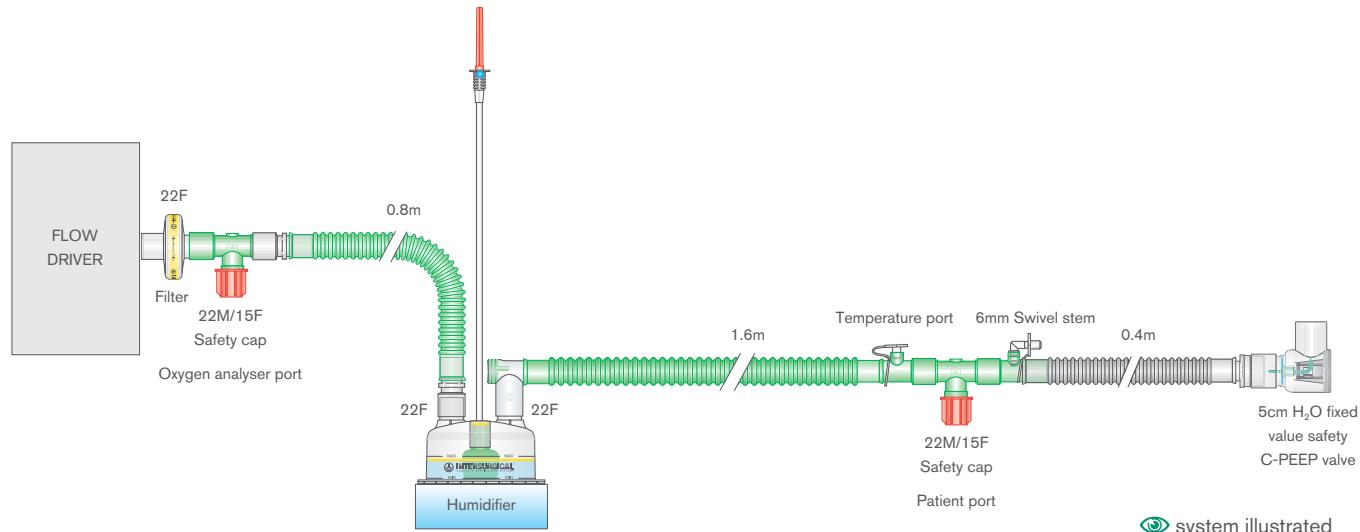
[Make an enquiry](#)

Please see page 111 for more information.

CPAP breathing systems for use with flow drivers with built-in safety valve

CPAP breathing systems offer active and passive humidification options with a mask or T-piece patient connector, and are compatible with flow drivers with built-in safety valves commonly used in hospitals.

Conveniently designed for use straight from the pack. All systems include a 5cm H₂O PEEP valve and filter.



system illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 2232000 | 22mm Flextube CPAP breathing system with mask, harness, 5cm H ₂ O PEEP valve and Clear-Guard™ Midi filter. ≥ 2.0m | 15 |
| 2237000 | 22mm Flextube CPAP heated wire breathing system with 5cm H ₂ O C-PEEP valve, auto-fill chamber Clear-Guard™ Midi and extra limbs. ≥ 1.6m | 12 |

[Make an enquiry](#)

C-PEEP™ valves

This range includes seven fixed value PEEP valves ranging from 2.5 to 20cm H₂O. Each valve is colour-coded in line with similar products found in the market.

Intersurgical valves are 100% tested and individually identified with a code on the valve itself, so that performance data is available for future reference. The transparent body design, coupled with the coloured internal components, allow for easy blockage assessment and monitoring of patient's respiratory rate. Within the lightweight, robust L-shaped design an internal disc valve is included to satisfy the patient if the peak flow requirement exceeds the set flow.



| Code | Description | Fixed value | Colour | Box Qty. |
|---------|---|-----------------------------------|-----------|----------|
| 2220000 | C-PEEP fixed value PEEP valve | Preset at 20cm H ₂ O | Brown | 5 |
| 2215000 | C-PEEP fixed value PEEP valve | Preset at 15cm H ₂ O | Red | 5 |
| 2212000 | C-PEEP fixed value PEEP valve | Preset at 12.5cm H ₂ O | Dark pink | 5 |
| 2210000 | C-PEEP fixed value PEEP valve | Preset at 10cm H ₂ O | Green | 5 |
| 2207000 | C-PEEP fixed value PEEP valve | Preset at 7.5cm H ₂ O | Yellow | 5 |
| 2205000 | C-PEEP fixed value PEEP valve | Preset at 5cm H ₂ O | Blue | 5 |
| 2202000 | C-PEEP fixed value PEEP valve | Preset at 2.5cm H ₂ O | Black | 5 |
| 2226000 | Adjustable PEEP valve 2.5 – 20cm H ₂ O 22m | | | 10 |

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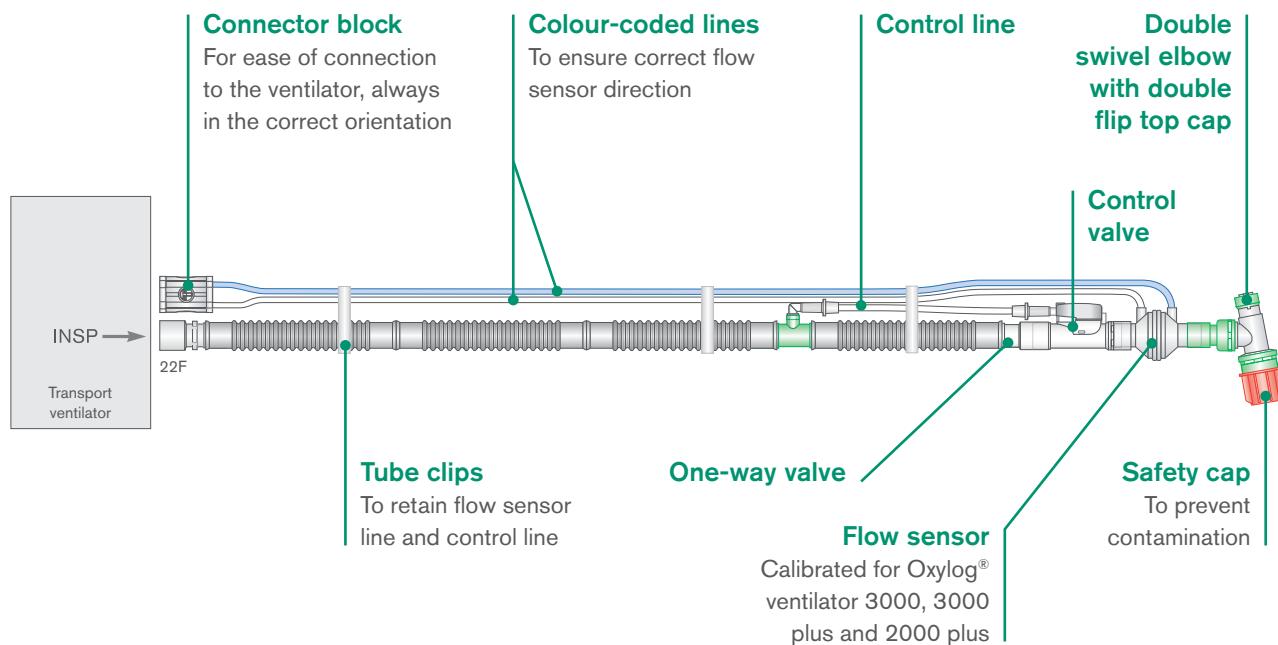
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Adult breathing systems for transport ventilators

We offer a range of disposable adult transport breathing systems for use with the majority of transport ventilators for inter departmental and inter hospital patient transport or transfer. Set up ready for use, straight from the pack, they use a selection of valves and flow sensors designed and validated for the appropriate ventilators, as shown.

The Oxylog® 3000, 3000 plus and 2000 plus systems also feature an over moulded connector block for the flow sensor lines, ensuring secure connection and correct orientation of the two lines.

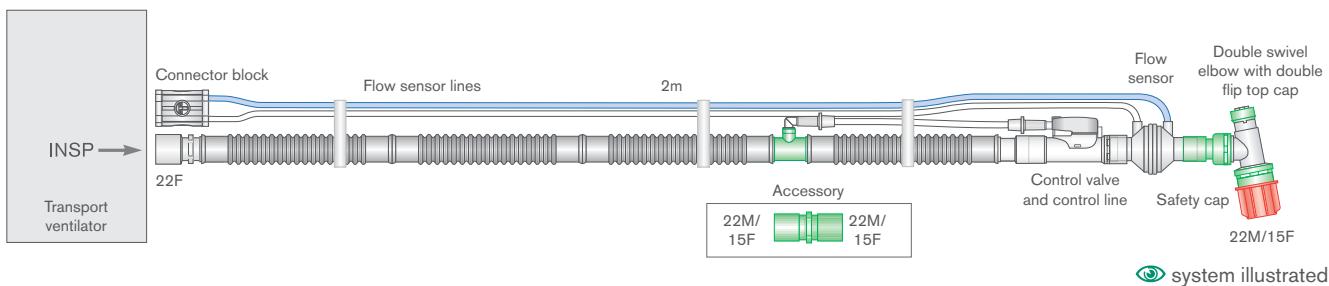


System shown is for use with Oxylog® 3000, 3000 plus and 2000 plus.



Oxylog is a registered trademark of Dräger Medical GmbH.

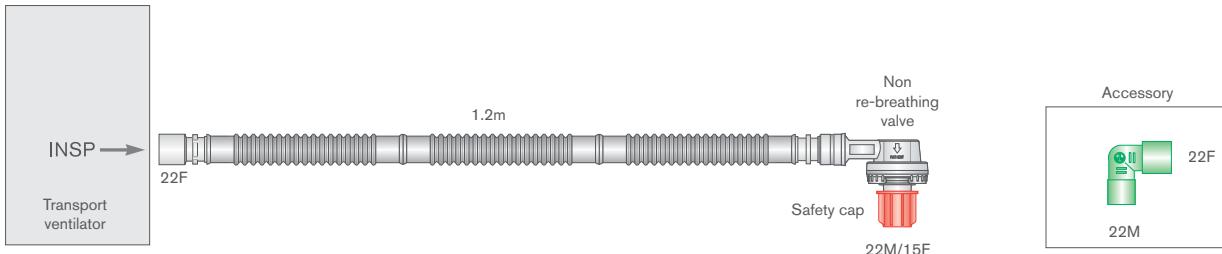
Oxylog® 3000, 3000 plus and 2000 plus



system illustrated

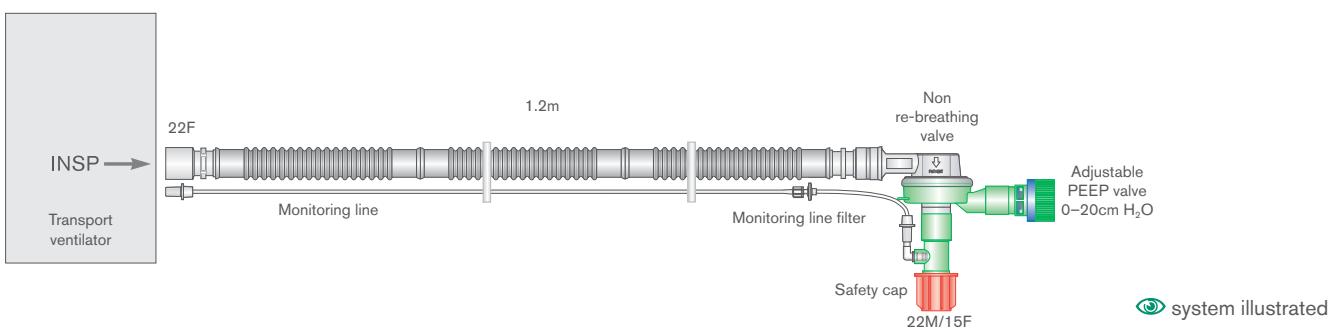
| Code | Description | Box Qty. |
|---------|---|----------|
| 2072000 | 22mm Flextube™ transport breathing system for use with Oxylog® 2000 plus, 3000, 3000 plus ventilators. ≥ 2.0m | 10 |
| 2272000 | 22mm Flextube transport breathing system for use with Oxylog® 2000 plus, 3000, 3000 plus ventilators. ≥ 3.0m | 20 |

Breathing systems for basic transport ventilator



system illustrated

| Code | Description | Box Qty. |
|---------|--|----------|
| 2070000 | 22mm Flextube transport breathing system. ≥ 1.2m | 12 |
| 5020002 | 22mm Smoothbore transport breathing system. ≥ 2.0m | 10 |



system illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 2074000 | 22mm Flextube transport breathing system with monitoring line with filter and adjustable PEEP valve. ≥ 1.2m | 15 |
| 2075000 | 22mm Flextube transport breathing system with monitoring line with filter. ≥ 1.2m | 15 |
| 2073000 | 22mm Flextube transport breathing system with adjustable PEEP valve. ≥ 1.2m | 12 |

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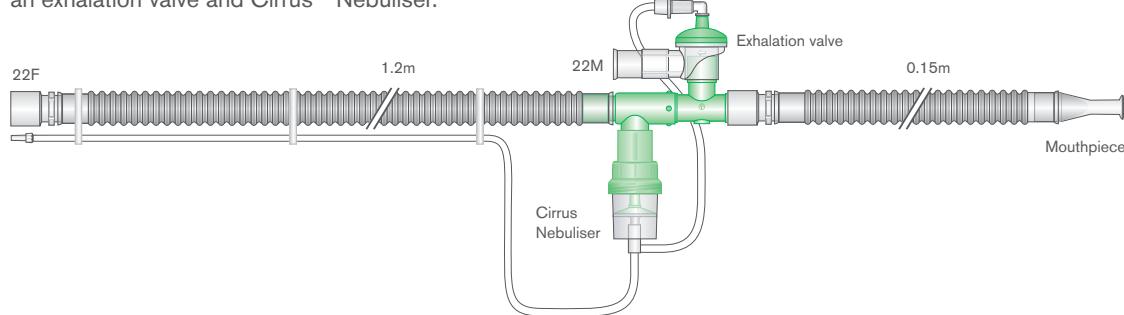


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IPPB breathing systems

The IPPB breathing systems are designed for use with Intermittent Positive Pressure Breath machines for spontaneously breathing patients; to assist lung expansion, deliver aerosol therapy or to assist ventilation, these breathing systems are compatible with the more popular machines found in the intensive care and physiotherapy departments, and are all supplied with an exhalation valve and Cirrus™ Nebuliser.



system illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 1415000 | 22mm Flextube IPPB breathing system for use with Bird® machines | 20 |
| 1416000 | 22mm Flextube IPPB universal breathing system with exhalation valve and Cirrus Nebuliser. | 20 |
| 1415002 | 22mm Flextube IPPB breathing system for use with Bird® machines with Cirrus Nebuliser and Clear-Guard™ Midi filter. | 20 |

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22mm and 15mm Smoothbore tubing

A range of Smoothbore tube lengths predominantly for homecare CPAP sleep apnoea use, with soft end connectors in different lengths and diameters. Eco tubing is available as a lightweight non-PVC option.

Please see page 5 for our guide to our tube types

| Code | Description | Length | Box Qty. |
|--------------|--|--------|----------|
| 5003000 | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 0.3m | ≥ 0.3m | 50 |
| 5004000 | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 0.4m | ≥ 0.4m | 50 |
| 5005000 | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 0.5m | ≥ 0.5m | 50 |
| 5006000 | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 0.6m | ≥ 0.6m | 40 |
| 5206000 | 22mm Eco Smoothbore tube with soft end connectors, 22F-22F. ≥ 0.6m | ≥ 0.6m | 40 |
| 5080000 | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 0.8m | ≥ 0.8m | 40 |
| 5010000 (S*) | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 1.0m | ≥ 1.0m | 40 (20*) |
| 5012000 (S*) | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 1.2m | ≥ 1.2m | 30 (12*) |
| 5015000 (S*) | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 1.5m | ≥ 1.5m | 30 (25*) |
| 5018000 (S*) | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 1.8m | ≥ 1.8m | 20 (25*) |
| 5218000 | 22mm Eco Smoothbore tube with soft end connectors, 22F-22F. ≥ 1.8m | ≥ 1.8m | 20 |
| 5318000 | 22mm Smoothbore polypropylene tube with soft end connectors, 22F-22F. ≥ 1.8m | ≥ 1.8m | 50 |
| 5020000 (S*) | 22mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 2.0m | ≥ 2.0m | 20 (30*) |
| 5418000 | 15mm Smoothbore polypropylene tube with soft end connectors, 22F-22F. ≥ 1.8m | ≥ 1.8m | 60 |
| 5118000 | 15mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 1.8m | ≥ 1.8m | 20 |

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Sterile option available

Lower environmental impact product

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).

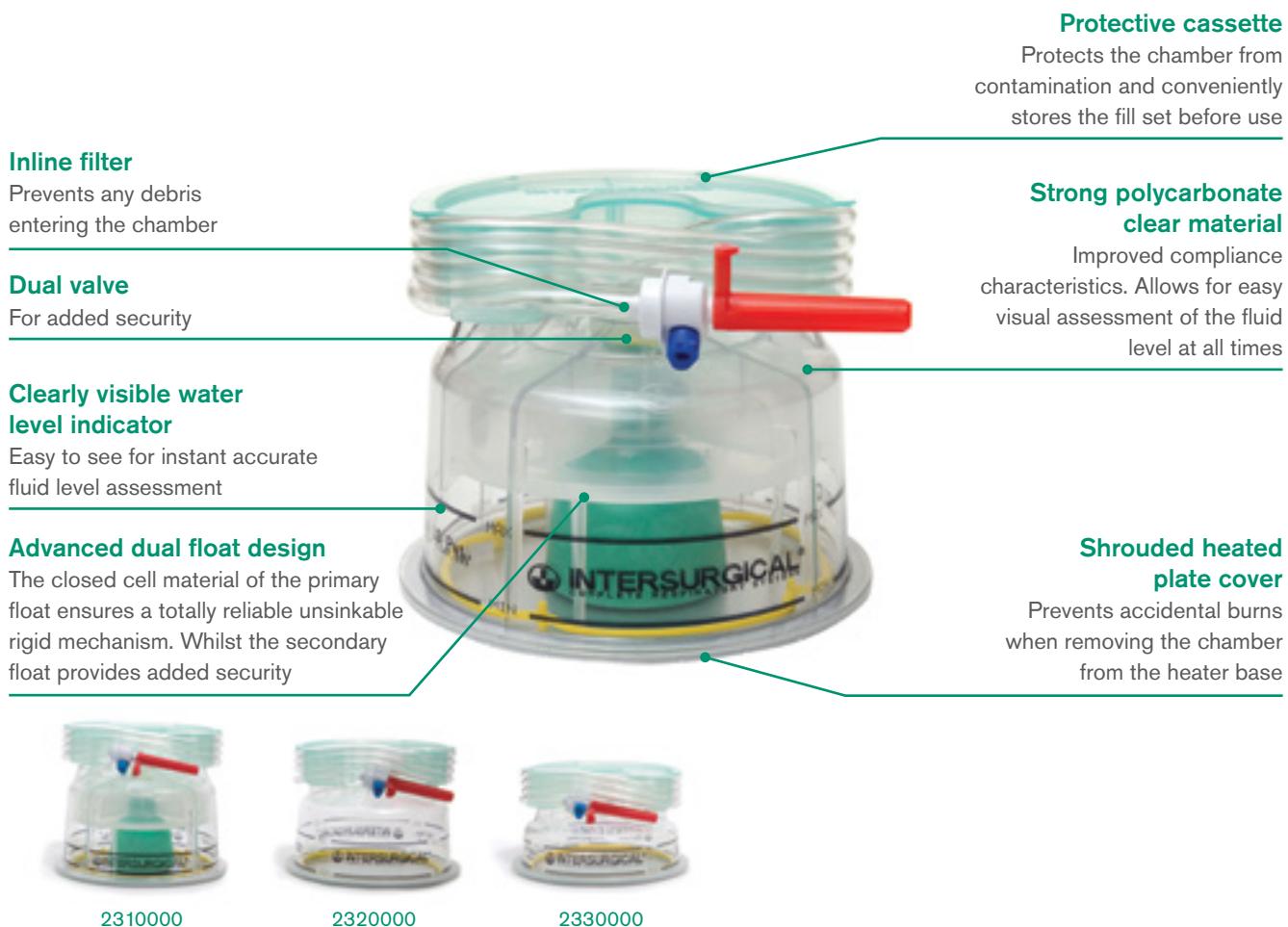
Bird is a registered trademark of Bird Products Corp. Inhalog is a trademark of Dräger Medical GmbH. Dräger is a registered trademark of Drägerwerk AG & Co. KGaA.

Chambers for heated humidification

We offer a comprehensive range of active humidification chambers for use with the more commonly found humidifiers used in the intensive care areas, including the Intersurgical 7000 Series Respiratory Humidifier.

Compatible with all our heated wire products, all three chamber options feature 22mm male connectors and a clear polycarbonate body for instant and accurate visible fluid level assessment.

- **The dual float auto fill** humidification chamber can be used in a variety of respiratory support therapies ranging from CPAP through to full mechanical ventilation including high frequency oscillation for all size patients. This chamber offers the clinician a constant water level, as the used fluid is automatically replaced from a reservoir bag. As a result the system compressible volume does not fluctuate, making the auto fill chamber the first choice in all intensive care areas from neonatal through to adult.
- **The manual fill** chamber feature a clamp along the fill line which isolates the chamber from the fluid reservoir bag. This chamber requires the clinician to monitor the water level and open the clamp when more fluid is required. Seen as a lower cost alternative and is sometimes used in high driving pressure applications (eg. nFlow™).
- **The low volume** manual fill chamber also features the fill line clamp. With very low compressible volume, it is ideally suited for applications like advanced high frequency ventilation for all sizes of patient.



| Code | Description | Box Qty. |
|--------------|---|----------|
| 2310000 (S*) | Dual float auto fill humidification chamber with fill set | 30 (30*) |
| 2320000 | Manual fill humidification chamber with fill set and clamp | 30 |
| 2330000 | Low volume manual fill humidification chamber with fill set and clamp | 30 |

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S Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).

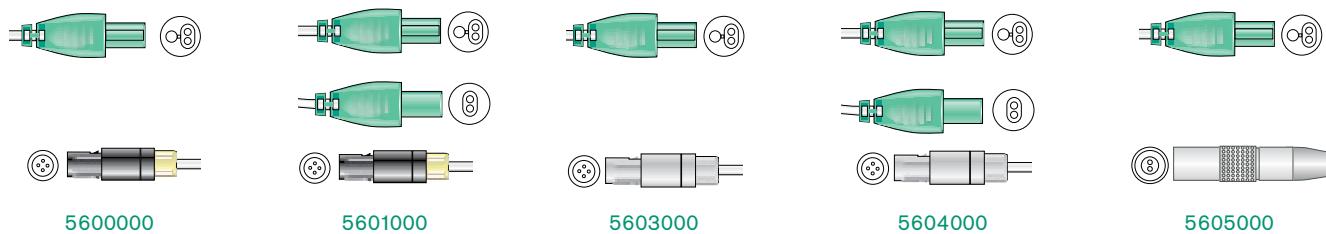


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Humidifier electrical adaptor leads

A range of leads for electrical connection of the heated wire breathing system to the humidifier.

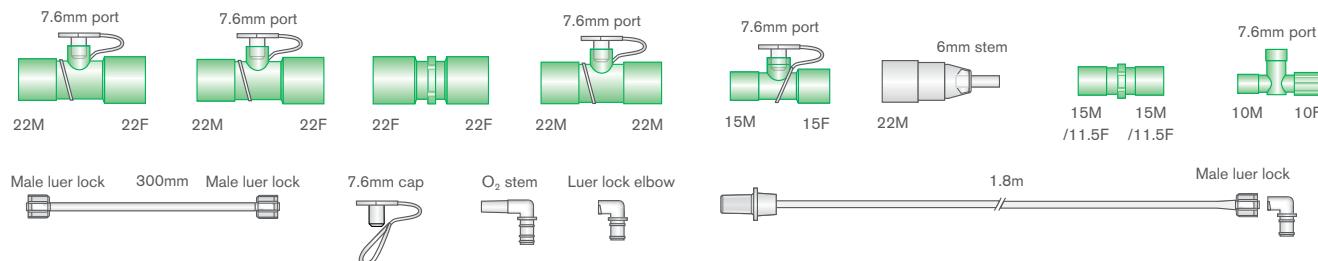


| Code | Description | Humidifier | Box Qty. |
|---------|--|---------------------|----------|
| 5600000 | Electrical adaptor lead for single heated wire breathing systems | MR850™, 7000 Series | 1 |
| 5601000 | Electrical adaptor lead for dual heated wire breathing systems | MR850™, 7000 Series | 1 |
| 5605000 | Electrical adaptor lead for single heated wire breathing systems | MR500™, MR600™ | 1 |

[Make an enquiry](#)

Nitric Oxide adaptor kit

The Nitric Oxide adaptor kit can convert many standard breathing systems to deliver Nitric Oxide.



| Code | Description | Box Qty. |
|---------|--------------------------|----------|
| 6216000 | Nitric Oxide adaptor kit | 50 |

[Make an enquiry](#)

Water traps

A range of self-sealing water traps that allow for emptying during use. As the base of the water trap is opened the internal valve automatically closes ensuring the breathing system remains airtight. As the base is replaced, the valve re-opens allowing drainage of the breathing system to recommence.

The right-angled version is ideal for use in applications where a 90° attachment may be required.



1912000 1916000

| Code | Description | Box Qty. |
|---------|---|----------|
| 1912000 | Water trap, self-sealing, high volume, 125ml | 50 |
| 1911000 | Water trap, self-sealing, medium volume, 70ml | 55 |
| 1915000 | Water trap, self-sealing, right-angled, high volume, 125ml | 40 |
| 1916000 | Water trap, self-sealing, right-angled, medium volume, 70ml | 55 |

[Make an enquiry](#)

CO₂ Cuvette for Dräger® ventilators

Our CO₂ cuvette for Dräger ventilators is a single use cuvette for mainstream CO₂ monitoring of mechanically ventilated adult patients.

Compliant with all applicable device standards, the cuvette is intended for use with the Dräger Evita Infinity® V500 ICU ventilator and the Dräger Oxylog® 3000 plus transport ventilator.

It should be positioned between the breathing system patient connection port and the catheter mount or patient interface.



Single use

Simple, economical solution

Mainstream monitoring

Instant ETCO₂ measurement

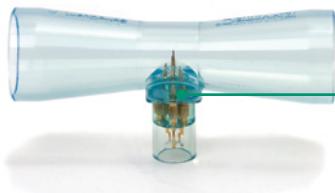
Low volume

Minimise patient rebreathing

| Code | Description | Box Qty. |
|-------------|---|----------|
| 2775000 NEW | CO ₂ cuvette for Dräger® ventilators | 25 |

Flow sensors

Expiratory flow sensor used on intensive care ventilators to measure a patient's exhaled gas flow from the expiratory limb. Data is then used to calculate exhaled tidal and minute volumes. The e-FlowSensor™ is compatible with the current installed base of Dräger® Evita® ventilators. Sensors can be reprocessed or cleaned providing it passes a full calibration on the ventilator prior to use.



Flow calculation using hot wire technology

| Code | Description | Box Qty. |
|---------|--|----------|
| 2777000 | e-FlowSensor for Dräger® Evita® ventilators (excluding V500) | 5 |

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MR850, MR500 and MR600 are trademarks of Fisher & Paykel Healthcare.

Dräger is a registered trademark of Drägerwerk AG & Co. KGaA. Evita is a trademark of Dräger Medical GmbH.



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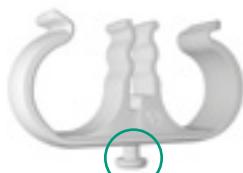
Tube management programme

When used in conjunction with Intersurgical breathing systems our full range of tube management options allow the clinician to position our products efficiently and comfortably around the patient area. These help to provide a safe and tidy environment reducing the risk of disconnection and patient trauma.

Intersurgical tube clips, 22F red safety cap and the humidification chamber fill set spike cover are designed to interface with the tube management clip via a notch feature.

Tube clips are available to fit our Smoothbore and Flextube™ breathing systems with options available for 10mm, 15mm, 22mm and 30mm single and dual limb breathing systems.

Tube clips 10mm, 15mm, 22mm, 30mm



Notch feature



Red safety cap or humidification chamber fill set spike cover



Notch feature



Notch feature interfaces with

Tube management clip



Tube management grip



Tube support

Our ergonomically designed tube support is a neat way of securely holding a breathing system close to the patient. Available in two sizes the tube support efficiently holds in place 10, 15, 22 and 30mm tubes with a smaller groove to grip monitoring lines and cables. The flexible neck is easily positioned to take the strain of the breathing system away from the patient.

Video available at www.intersurgical.com



Tube management guide

| | |
|---|---|
| Flextube™ and Smoothbore tube clip | A diagram showing a tube clip with two curved arms. The left arm is labeled "15mm". |
| Code | 2317000 |
| Box Qty. | 25 |

| | |
|---------------------------|---|
| Flextube tube clip | A diagram showing a tube clip with two curved arms. The left arm is labeled "22mm". |
| Code | 2315000 |
| Box Qty. | 25 |

| | |
|-----------------------------|---|
| Smoothbore tube clip | A diagram showing a tube clip with two curved arms. The left arm is labeled "22mm". |
| Code | 2318000 |
| Box Qty. | 25 |

| | |
|---------------------------|---|
| Flextube tube clip | A diagram showing a tube clip with two curved arms. The left arm is labeled "30mm". |
| Code | 2319000 |
| Box Qty. | 25 |

| | |
|--|---|
| Flextube and Smoothbore tube clip | A diagram showing a tube clip with two curved arms. The left arm is labeled "10mm" and the right arm is labeled "10mm". |
| Code | 2311000 |
| Box Qty. | 25 |

| | |
|--|---|
| Flextube and Smoothbore tube clip | A diagram showing a tube clip with two curved arms. The left arm is labeled "15mm" and the right arm is labeled "15mm". |
| Code | 2312000 |
| Box Qty. | 25 |

| | |
|---------------------------|---|
| Flextube tube clip | A diagram showing a tube clip with two curved arms. The left arm is labeled "22mm" and the right arm is labeled "22mm". |
| Code | 2313000 |
| Box Qty. | 25 |

| | |
|-----------------------------|---|
| Smoothbore tube clip | A diagram showing a tube clip with two curved arms. The left arm is labeled "22mm" and the right arm is labeled "22mm". |
| Code | 2314000 |
| Box Qty. | 25 |

| Tube management clips | Tube clips |
|---|---|
| Two photographs of the tube management clips, which are vertical, elongated, green-colored devices. | Two photographs of the tube clips, which are curved, green-colored devices. |
| Code 2316000 | A diagram showing a tube clip with two curved arms. The left arm is labeled "22mm". |

Video available at www.intersurgical.com



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| | |
|---|---|
| Tube support 30mm/22mm/ 15mm | A photograph of a tube support device, which is a rectangular base with a flexible, coiled tube attached. |
| Code 5904000 | |
| Box Qty. 1 | |

| | |
|-----------------------------------|--|
| Tube support 15mm/10mm | A photograph of a tube support device, which is a smaller, more compact version of the 30mm/22mm/15mm model. |
| Code 5905000 | |
| Box Qty. 1 | |

| | |
|-----------------------------|---|
| Tube management grip | A photograph of a tube management grip, which is a long, thin, cylindrical device with a ribbed surface and a small circular logo on top. |
| Code 2321000 | |
| Box Qty. 50 | |

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Patient Interfaces



VariFit™ featuring AIRgel® technology

The VariFit is a single patient use hospital NIV mask featuring a cushion with AIRgel® technology for enhanced patient comfort. Colour coded elbows help the clinician to choose the correct mask for bilevel/CPAP using a single limb breathing system, or non-invasive ventilation using a dual limb breathing system. The breathable, quick release headgear is designed to fit easily to the patient and improve patient comfort.

 Video available at www.intersurgical.com



AIRgel® Maximum comfort, minimum weight.
AIRgel® minimises pressure points and skin irritation

Advanced Cushion Technology™

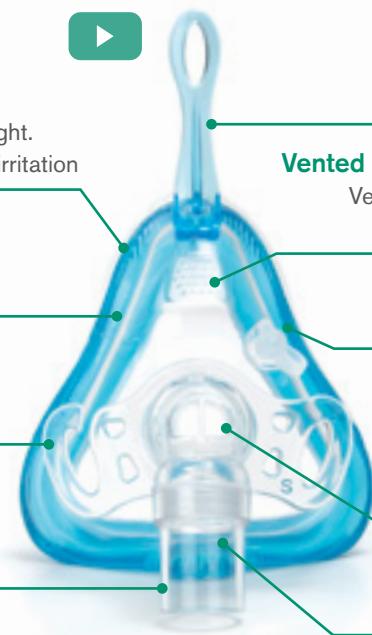
The ergonomic cushion technology forms an effective seal for a comfortable fit

Active Headgear Connector™

Moves with the patient for a reliable seal

360° rotating elbow

For optimal tube positioning and easier mobility



Flexible Spacebar™

The unique bendable design provides superior stability, maintaining a seal without contacting the skin

Vented Mask (2260000, 2261000, 2262000 and 2277000)

Vented mask option with an anti-asphyxiation valve for use with CPAP or bilevel devices

Oxygen Port

Allows easy delivery of supplementary oxygen

Anti-asphyxiation valve (not codes 2265000, 2266000, 2267000 and 2279000)

Prevents rebreathing in the case of inadequate ventilation

Colour Coded Elbows

To help the clinician choose the correct option

| Code | Description | Colour coded elbow | Box Qty. |
|---|---|--------------------|----------|
| For use with single limb breathing systems that do not have a CO₂ leak port | | | |
| 2277000 | VariFit NIV vented mask with anti-asphyxiation valve, extra large adult | | 8 |
| 2262000 | VariFit NIV vented mask with anti-asphyxiation valve, large adult | | 8 |
| 2261000 | VariFit NIV vented mask with anti-asphyxiation valve, medium adult | | 8 |
| 2260000 | VariFit NIV vented mask with anti-asphyxiation valve, small adult | | 8 |
| For use with single limb breathing systems that have a CO₂ leak port | | | |
| 2278000 | VariFit NIV non vented mask with anti-asphyxiation valve, extra large adult | | 8 |
| 2269000 | VariFit NIV non vented mask with anti-asphyxiation valve, large adult | | 8 |
| 2264000 | VariFit NIV non vented mask with anti-asphyxiation valve, medium adult | | 8 |
| 2263000 | VariFit NIV non vented mask with anti-asphyxiation valve, small adult | | 8 |
| For use with dual limb breathing systems | | | |
| 2279000 | VariFit NIV non vented mask, extra large adult | | 8 |
| 2267000 | VariFit NIV non vented mask, large adult | | 8 |
| 2266000 | VariFit NIV non vented mask, medium adult | | 8 |
| 2265000 | VariFit NIV non vented mask, small adult | | 8 |

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AIRgel is a registered trademark of Sleepnet Corporation. Flexible Spacebar, Advanced Cushion Technology and Active Headgear Connector are trademarks of Sleepnet Corporation.



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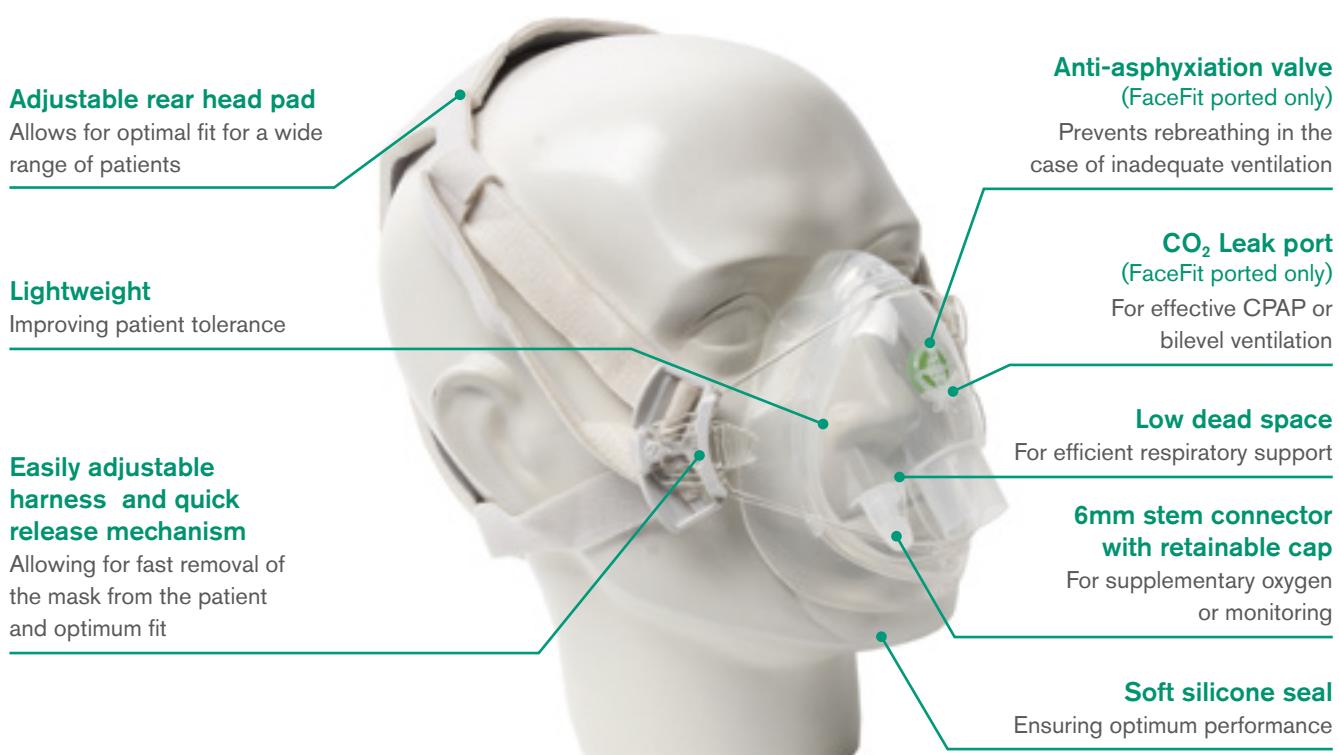
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FaceFit™ NIV masks

FaceFit is a comfortable single use adult hospital mask for use in non-invasive ventilation.

Two options are available; one option is for use with conventional dual limb breathing systems, and the second for bilevel and CPAP applications where an anti-asphyxiation valve and CO₂ leak port is required.

FaceFit masks are available in small, medium and large sizes to fit a wide range of patients. A size guide is included to help with making the right choice prior to opening the packaging.



Video available at www.intersurgical.com



FaceFit NIV Mask - without anti-asphyxiation valve and without CO₂ leak port

For use with dual limb breathing systems

Illustrated

| Code | Description | Box Qty. |
|---------|---------------------------------|----------|
| 2257000 | FaceFit, NIV mask, large adult | 12 |
| 2256000 | FaceFit, NIV mask, medium adult | 12 |
| 2255000 | FaceFit, NIV mask, small adult | 12 |

FaceFit NIV Ported Mask - with anti-asphyxiation valve and CO₂ leak port

For use with single limb breathing systems that do not have a CO₂ leak port

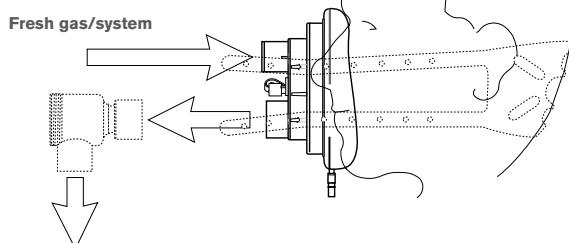
| Code | Description | Box Qty. |
|---------|--|----------|
| 2252000 | FaceFit, NIV Ported Mask, with anti-asphyxiation valve and CO ₂ leak port, large adult | 12 |
| 2251000 | FaceFit, NIV Ported Mask, with anti-asphyxiation valve and CO ₂ leak port, medium adult | 12 |
| 2250000 | FaceFit, NIV Ported Mask, with anti-asphyxiation valve and CO ₂ leak port, small adult | 12 |

Make an enquiry

CPAP masks and harnesses

Intersurgical twin-ported CPAP masks offer a comfortable patient interface and are available in two sizes: small and medium/large adult. The soft anatomically shaped cushion will comfortably fit a wide range of patient faces. A number of other key benefits are highlighted below:

CPAP mask and harness in use



Flutter valves

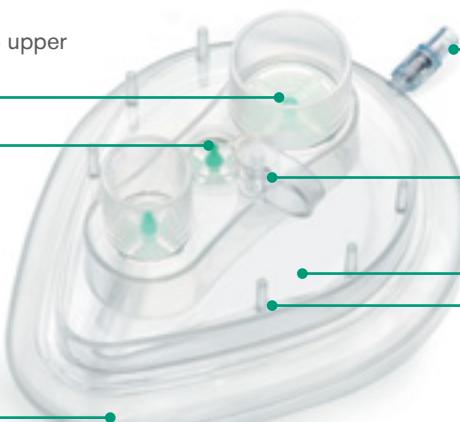
To ensure the patient inhales through the upper port and exhales through the lower port

Safety flutter valves

To allow the patient to breathe if there is an occlusion, or the patient 'outstrips' the set flow

Soft anatomical cushion

Comfortable fit for a wide range of patient profiles



Cushion valve

To allow for adjustment of cushion pressure for improved comfort and fit

Monitoring port

To allow connection of supplemental oxygen or monitoring

Clear, strong mask

To allow for easy patient assessment

Six fixing points

To optimize the seal when using the Intersurgical harness

illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 2222000 | Twin ported CPAP mask adult, medium/large | 12 |
| 2221000 | Twin ported CPAP mask adult, small | 12 |
| 2224000 | Harness for CPAP mask adult, medium/large | 12 |
| 2223000 | Harness for CPAP mask adult, small | 12 |

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StarMed Respiratory Hoods

The StarMed range of respiratory hoods for both non-invasive ventilation and CPAP therapy provide a further interface alternative to traditional masks. The hoods provide a host of clinical benefits for both the patient and care providers.

The use of the hood can overcome many of the issues traditionally seen with both endotracheal intubation and face mask use. It has been associated to increased patient comfort and improved NIV outcomes leading to reduced ICU length of stay.



All hoods are now phthalate free and featuring new design

Visit our website for more options

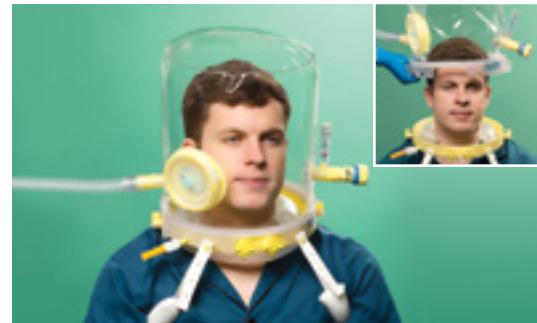


www.intersurgical.com/info/starmed

CaStar Up openable CPAP hood

Openable CaStar Up is a comfortable, versatile and lightweight CPAP patient interface. The unique design of the Up allows for one operator to easily remove the upper part of the hood and have full access to the patient, while any probes or catheters can remain in position on the lower part of the hood. It can be used in both semi-recumbent and supine positions providing an ideal option for CPAP therapy.

Video available at www.intersurgical.com



CaStar Up openable CPAP hood with inflatable neck cushion, bi-directional anti-asphyxiation valve and patient access port*

| Code | Size | Neck circumference | Box Qty. |
|------------|-------------------|--------------------|----------|
| CA012XXL/2 | Extra Extra Large | ≥50cm | 5 |
| CA012XL/2 | Extra Large | 45-52cm | 5 |
| CA012L/2 | Large | 40-47cm | 5 |
| CA012M/2 | Medium | 34-41cm | 5 |
| CA012S/2 | Small | 27-34cm | 5 |
| CA012XS/2 | Extra Small | 17-27cm | 5 |

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CaStar CPAP hood

The CaStar is a comfortable, versatile and lightweight CPAP patient interface designed to offer an alternative to traditional methods of CPAP delivery. The CaStar is well tolerated for extended periods and can reduce the risks associated with both endotracheal intubation and face mask use. It can be used in both semi-recumbent and supine positions providing an ideal option for CPAP therapy.

Video available at www.intersurgical.com



CaStar CPAP hood with bi-directional anti-asphyxiation valve and patient access port*

| Code | Size | Neck circumference | Box Qty. |
|------------|-------------------|--------------------|----------|
| CP210XXL/2 | Extra Extra Large | ≥50cm | 5 |
| CP210XL/2 | Extra Large | 45-52cm | 5 |
| CP210L/2 | Large | 40-47cm | 5 |
| CP210M/2 | Medium | 34-41cm | 5 |
| CP210S/2 | Small | 27-34cm | 5 |
| CP210XS/2 | Extra Small | 17-27cm | 5 |

[Make an enquiry](#)

*PEEP valve and tubing not included and have to be ordered separately. Please refer to the website for the range of accessories.

Ventukit CPAP hood with Venturi flow driver

StarMed Ventukit is a complete and easy to use system simply activated by connecting to the O₂ source available in the hospital departments. The Ventukit's unique design consists of oxygen tubes and a Venturi flow driver integral to a CPAP hood. The kit also includes an adjustable PEEP valve for immediate therapy activation.



Ventukit CPAP hood with Venturi flow driver, bi-directional anti-asphyxiation valve and patient access port, adjustable PEEP valve and ear plugs (eliminates the need for a flow driver)

| Code | Size | Neck circumference | Box Qty. |
|------------|-------------------|--------------------|----------|
| CV100XXL/2 | Extra Extra Large | ≥50cm | 5 |
| CV100XL/2 | Extra Large | 45-52cm | 5 |
| CV100L/2 | Large | 40-47cm | 5 |
| CV100M/2 | Medium | 34-41cm | 5 |
| CV100S/2 | Small | 27-34cm | 5 |
| CV100XS/2 | Extra Small | 17-27cm | 5 |

[Make an enquiry](#)

Ventumask with Venturi flow driver and adjustable PEEP valve

The Ventumask is a unique design for CPAP therapy that is simply activated by connecting to an appropriate oxygen supply. It can be used in a hospital environment or pre-hospital use, for example in an ambulance. Ventumask is a complete and easy to use system, where the oxygen supply tubes, a Venturi flow driver and an adjustable PEEP valve are integral to a CPAP mask.



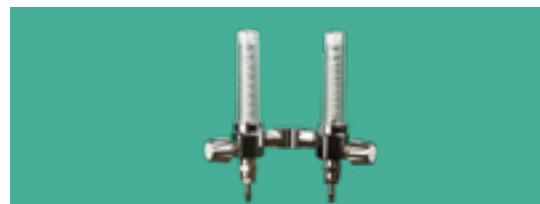
Ventumask with Venturi flow driver and adjustable PEEP valve (eliminates the need for a flow driver)

| Code | Description | Size | Box Qty. |
|---------|---|----------------|----------|
| CV200XL | Ventumask CPAP mask with integral Venturi flow driver and adjustable PEEP valve | Extra Large | 5 |
| CV200L | Ventumask CPAP mask with integral Venturi flow driver and adjustable PEEP valve | Large | 5 |
| CV200M | Ventumask CPAP mask with integral Venturi flow driver and adjustable PEEP valve | Small / Medium | 5 |

[Make an enquiry](#)

Dual oxygen flow meter for use with Ventukit and Ventumask

A dual flow meter can be used for delivering high oxygen percentage therapies with Ventukit and Ventumask. It allows the clinician to add independent flows of O₂ to each of the product's oxygen lines, from a single oxygen wall socket.



| Model | Description | Box Qty. |
|-----------|---|----------|
| STS.15/30 | Dual oxygen flow meter 15 + 30 L/min with O ₂ coupling | 1 |

[Make an enquiry](#)

Dual flow meter manufactured by FLOW METER S.p.A.



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CaStar R Up openable hood for NIV

Openable CaStar R Up is a comfortable, versatile and lightweight patient interface for non-invasive mechanical ventilation (NIV). The unique design of the Up allows for one operator to easily remove the upper part of the hood and have full access to the patient, while any probes or catheters can remain in position on the lower part of the hood. It can be used in both semi-recumbent and supine positions providing an ideal option for NIV therapy.



CaStar R Up openable hood for NIV with inflatable neck cushion, bi-directional anti-asphyxiation valve and patient access port**

| Code | Size | Neck circumference | Box Qty. |
|-------------|-------------------|--------------------|----------|
| CA022XXL/2R | Extra Extra Large | ≥50cm | 5 |
| CA022XL/2R | Extra Large | 45-52cm | 5 |
| CA022L/2R | Large | 40-47cm | 5 |
| CA022M/2R | Medium | 34-41cm | 5 |
| CA022S/2R | Small | 27-34cm | 5 |
| CA022XS/2R | Extra Small | 17-27cm | 5 |

[Make an enquiry](#)

CaStar R hood for NIV

The CaStar R is a comfortable, versatile and lightweight patient interface for non-invasive mechanical ventilation (NIV) designed to offer an alternative to traditional methods of NIV delivery. The CaStar R is well tolerated for extended periods and can reduce the risks associated with both endotracheal intubation and face mask use. It can be used in both semi-recumbent and supine positions providing an ideal option for NIV therapy.



Video available at www.intersurgical.com



CaStar R hood for NIV with inflatable neck cushion, bi-directional anti-asphyxiation valve and patient access port**

| Code | Size | Neck circumference | Box Qty. |
|-------------|-------------------|--------------------|----------|
| CP211XXL/2R | Extra Extra Large | ≥50cm | 5 |
| CP211XL/2R | Extra Large | 45-52cm | 5 |
| CP211L/2R | Large | 40-47cm | 5 |
| CP211M/2R | Medium | 34-41cm | 5 |
| CP211S/2R | Small | 27-34cm | 5 |
| CP211XS/2R | Extra Small | 17-27cm | 5 |

[Make an enquiry](#)

**Tubings not included and have to be ordered separately. Please refer to the website for the range of accessories.

CaStar R Next hood without underarm straps for NIV

The CaStar R Next is a comfortable, versatile and lightweight patient interface for non-invasive mechanical ventilation (NIV). It is well tolerated for extended periods and can reduce the risks associated with both endotracheal intubation and face mask use. The CaStar R Next has been designed to improve patient-ventilator interaction, by reducing the inspiratory trigger delay and increasing the rate of airway pressurization, while avoiding the need for underarm straps.



Video available at www.intersurgical.com



CaStar R Next hood without underarm straps for NIV with bi-directional anti-asphyxiation valve and patient access port, inflatable neck cushion and inflation bulb, ear plugs and measuring tape**

| Code | Size | Neck circumference | Box Qty. |
|-------------|-------------------|--------------------|----------|
| CP238XXL/2R | Extra Extra Large | 48-55cm | 5 |
| CP238XL/2R | Extra Large | 42-48cm | 5 |
| CP238L/2R | Large | 35-42cm | 5 |
| CP238M/2R | Medium | 28-35cm | 5 |
| CP238S/2R | Small | 21-28cm | 5 |
| CP238XS/2R | Extra Small | ≤21cm | 5 |

[Make an enquiry](#)

CaStar Ped and CaStar Infant

There are two types of hoods in the CaStar children's range. These may be used for the treatment of a number of respiratory conditions and are designed specifically for paediatrics and infants to offer an alternative to traditional methods of CPAP and NIV delivery. CaStar Ped is available for both CPAP and NIV therapies while CaStar Infant is available for CPAP only.



CaStar Ped paediatric hood for CPAP therapy and NIV with bi-directional anti-asphyxiation valve and patient access port**

| Code | Description | Patient weight | Box Qty. |
|-------------|---|----------------|----------|
| CP201PED/2R | CaStar R Ped for NIV with 22M/22M connections | >15Kgs | 5 |
| CP200PED/2 | CaStar Ped for CPAP with 22M/22F connections | >12Kgs | 5 |

[Make an enquiry](#)

CaStar Infant hood for CPAP therapy with inflatable headrest, bi-directional anti-asphyxiation valve and patient access port*

| Code | Description | Patient weight | Box Qty. |
|--------------|-----------------------------|----------------|----------|
| CP200INFHI/2 | CaStar Infant High for CPAP | 7 -12 Kg | 5 |
| CP200INFLO/2 | CaStar Infant Low for CPAP | 3 - 7 Kg | 5 |

[Make an enquiry](#)

* PEEP valve and tubing not included and have to be ordered separately. Please refer to the website for the range of accessories.

**Tubings not included and have to be ordered separately. Please refer to the website for the range of accessories.

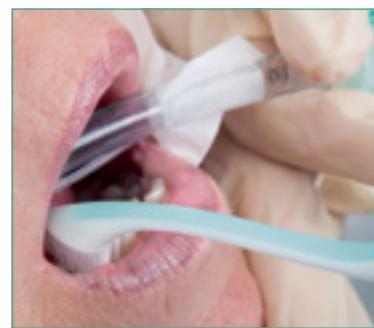


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Oral Care



Reduce VAP with Oral Care

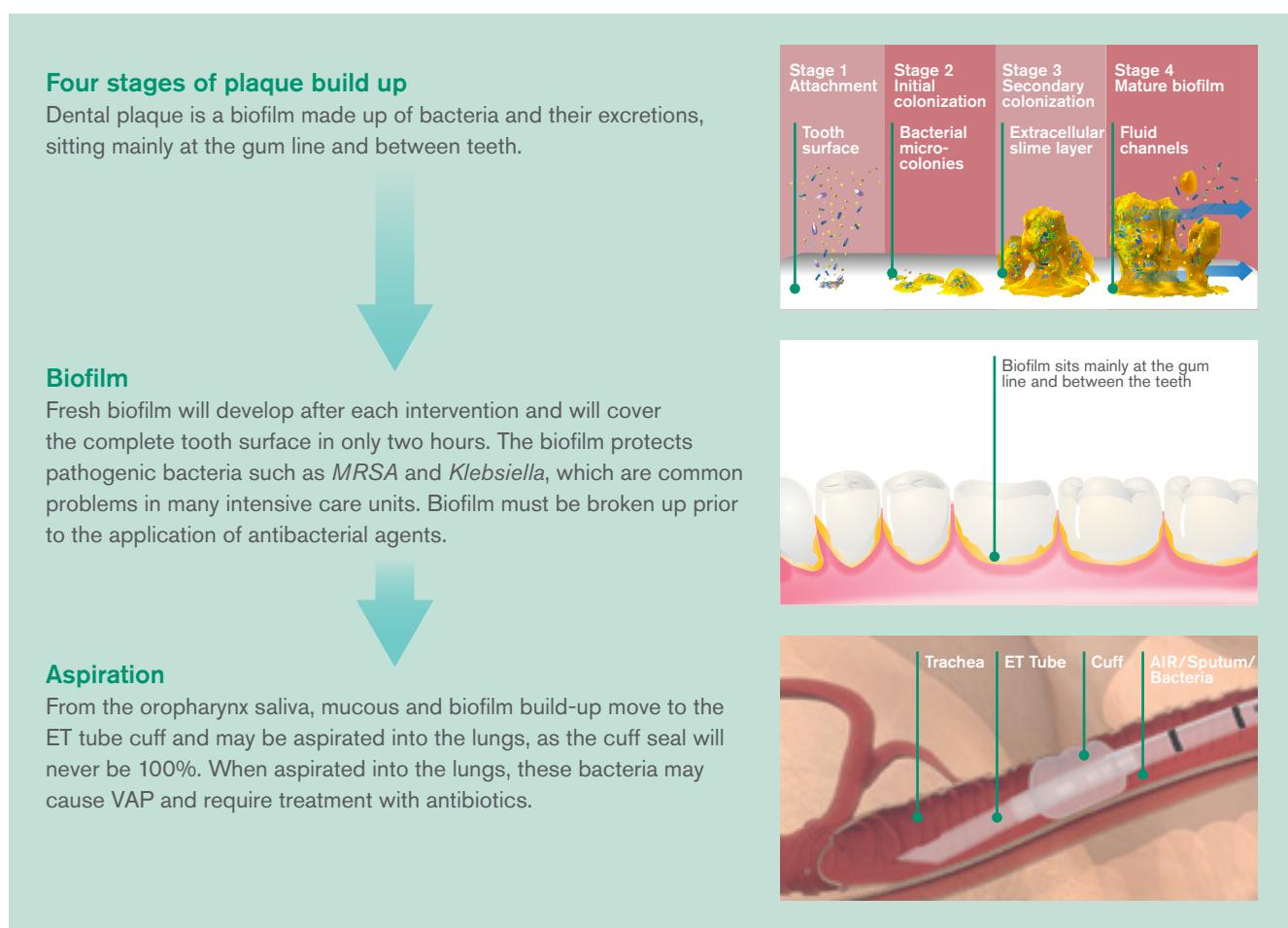
Ventilator Associated Pneumonia (VAP) causes prolonged intubation and a prolonged stay in intensive care units (ICU) with the associated costs. It is also a serious cause of mortality in compromised patients.

A combination of oral care treatments (brushing and suctioning) as part of a proper oral care protocol means care providers can efficiently prevent build up of oropharyngeal bacterial biofilm. This in turn leads to a reduction of VAP and aspiration pneumonias and greatly reduces associated treatment costs.^{1,2,3}

VAP Fact 1: VAP occurs in 9–25% of all patients in ICU

VAP Fact 2: Each case of VAP costs the hospital \$30,000–\$40,000

VAP Fact 3: VAP mortality rate is approximately 10–40%



Protocols and Assessment Guides

As patients have quite different oropharyngeal conditions, which may change quickly during their hospital stay, the status of the oropharynx needs to be assessed as a daily routine. We have created an assessment guide which can be downloaded to help start the process.



www.intersurgical.com/info/oralcare

Supporting videos

For correct set-up and connection of the Intersurgical Oral Care products, please view the appropriate video.



www.intersurgical.com/products/critical-care/oral-care#videos



References

1. R. Garcia, L. Jendresky, L. Colbert, A. Bailey, M. Zaman et M. Majumder, Reducing Ventilator-Associated Pneumonia Through Advanced Oral-Dental Care: A 48-Month Study, AJCC, July 2009.
2. J. Rello, D. Ollendorf, G. Oster, M. Vera-Llonch, L. Bellm, R. Redman, M. Kollef: Epidemiology and outcomes of ventilator-associated-pneumonia in a large US database, Chest, December 2002.
3. L. Frampton: Preventing HCAI on the intensive care unit, The Clinical Services Journal, March 2014.



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Cleaning tools

For the most efficient removal of plaque, a soft bristle toothbrush is recommended. Intersurgical offer a large range of medical toothbrushes with soft bristles and cleaning implements for both adult and paediatric patients in intensive care. These have been designed with small, patient friendly brush heads which allow the user to gently and effectively reach all areas of the oral cavities.



OroCare™ Mini toothbrush

Ideal for patients with a challenging oropharyngeal situation. The long slim neck of this brush assists the user in reaching all areas of the oral cavities.



OroCare™ Aspire suction toothbrush

With built in direct attachment for the suction line this toothbrush eliminates the need for an additional yankauer. The long slim neck of this brush helps to reach all areas of the oral cavity without interfering with ET tubes and other equipment.



OroCare™ Select suction toothbrush with 0.12% chlorhexidine ampoule

An ampoule containing 0.12% chlorhexidine is included with the Select to deliver the antibacterial fluid directly at the bristles. Suction may be conveniently controlled by the integrated thumb port.



OroCare™ Sensitive oral suction wand

This unique suction wand is used for cleaning delicate gums and tissues. The integral moulded soft head provides a safer solution to the commonly used foam swab. The wand allows application of antibacterial solutions whilst gently cleaning the teeth and soft pallet.



| Code | Description | Box Qty. |
|---------|--|----------|
| 3011000 | OroCare Mini toothbrush | 30 |
| 3016000 | OroCare Aspire suction toothbrush | 25 |
| 3012100 | OroCare Select toothbrush with 0.12% chlorhexidine ampoule | 50 |
| 3017000 | OroCare Sensitive oral suction wand | 15 |

Accessories

To complement the range of toothbrushes and suction wand Intersurgical has developed a range of accessories, to assist in an efficient oral care programme in busy intensive care areas.



OroCare™ suction line splitter

Designed for the simultaneous use of two suction lines on a single suction canister. This may become necessary, when a closed suction system is already attached to the vacuum source.



OroCare™ 0.12% chlorhexidine mouthwash ampoule

The ampoules contain an antibacterial 0.12% chlorhexidine mouthwash for use with OroCare Select.



OroClean tooth gel sachet

Tooth gel available in single use sachets. This prevents cross contamination of tooth gel tubes and the associated potential for recontamination of patients.

| Code | Description | Box Qty. |
|---------|---|----------|
| 3022000 | OroCare suction line splitter | 25 |
| 3025000 | OroCare 0.12% chlorhexidine mouthwash ampoule - 14ml for use with the OroCare Select toothbrush | 70 |
| 3021000 | OroClean tooth gel sachet, 2g | 250 |

Make an enquiry

Daily protocol kits

In order to help in the introduction of an oral care protocol we have three basic day kits available for either four hour (q4) or eight hour (q8) interventions. There are also two complete kits including chlorhexidine disinfectant mouthwash for use every four (q4) or eight hours (q8), offering a simple to use single use solution straight from the pack.



3014100

| Code | Description | Box Qty. |
|---------|---|----------|
| 3014000 | OroCare 24 hour day kit – q4 (four hour intervention kit) | 10 |
| 3014001 | OroCare 24 hour day kit – q4 (four hour intervention kit) without foam swabs | 10 |
| 3014100 | OroCare 24 hour day kit with chlorhexidine mouthwash – q4 (four hour intervention kit) | 10 |
| 3015000 | OroCare 24 hour day kit – q8 (eight hour intervention kit) | 15 |
| 3015100 | OroCare 24 hour day kit with chlorhexidine mouthwash – q8 (eight hour intervention kit) | 15 |

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Single use treatment packs

For situations, where full daily kits are not suitable, Intersurgical offer a variety of single use treatment packs. These contain a toothbrush, a choice of cleaning agents and in a selection of pack options, dispenser cups and sponges for lip moisturising.



3016001



3016002



3016003



3016100

| Code | Description | Box Qty. |
|---------|--|----------|
| 3016001 | OroCare Aspire suction toothbrush with chlorhexidine mouthwash, dispenser cup and foam swab | 100 |
| 3016002 | OroCare Aspire suction toothbrush with chlorhexidine mouthwash and tooth gel, dispenser cup and foam swab | 100 |
| 3016003 | OroCare mouthcare kit with chlorhexidine mouthwash and tooth gel, OroCare Aspire suction toothbrush OroCare Sensitive oral suction wand and dispenser cup | 100 |
| 3016100 | OroCare Aspire suction toothbrush with tooth gel | 25 |

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TrachSeal™ Closed Suction Systems



TrachSeal™

Closed suction systems

Every time any part of a breathing system is opened to the atmosphere a number of problems for both the patient and nursing staff can occur:

- There is an immediate loss of PEEP to the patient and a potential for compromising patient ventilation
- Oxygen desaturation may have an impact on the patient's overall condition
- Bacteria and other pathogens may find their way into the lungs with the introduction of an open catheter
- A coughing reflex by the patient may put the healthcare provider at risk from cross-infection

Since the introduction of closed suction systems in 1987, care providers have been offered a solution to keep the breathing system, and consequently PEEP, intact resulting in patient ventilation uncompromised.

Closed suction enables the clinician to clear the lungs of secretions while maintaining ventilation and minimising contamination with the least possible disruption to the patient.

Prevention of VAP

Ventilator associated pneumonia (VAP) is a hospital acquired infection, which can be efficiently fought when applying certain strategies. It has a significant impact on patient's health, length of stay and hospital cost.

Closed suction greatly reduces the potential for contamination from the bacteria which cause VAP. Maintaining a closed breathing system is part of the ventilator care bundle, designed to reduce the incidence of VAP in the hospital.

Another important factor in infection control is the cough reflex of the patient. By using a closed suction system the care provider reduces the risk of cross infection by aerosolised pathogens.

Intersurgical TrachSeal closed suction systems

TrachSeal features an ultra clear, new softer sleeve, allowing the clinician greater feel when inserting the catheter with optimum visibility of blockage assessments.

Our suction control valve is responsive and allows for single handed control of the applied suction force. The positive locking mechanism is designed to prevent suction being accidentally applied.

 Video available at www.intersurgical.com



Adult TrachSeal closed suction systems

Trachseal closed suction systems are available for 24 hour or 72 hour usage depending on patient requirements. There are two length options to allow attachment to either endotracheal or tracheostomy tubes. The endotracheal products feature a catheter length of 54cm and the tracheostomy tube variants have a catheter length of 30.5cm.

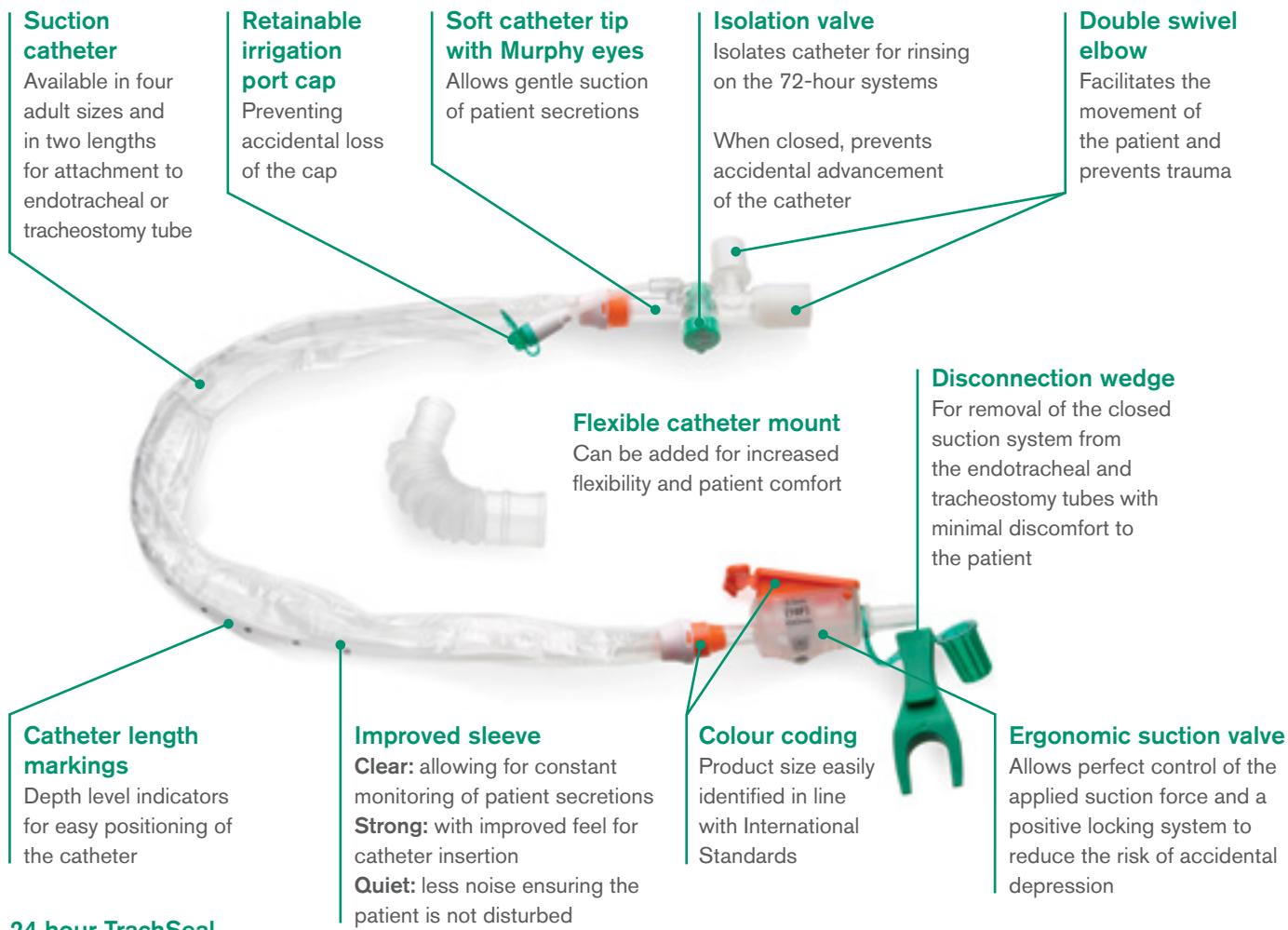
All Intersurgical TrachSeal systems are supplied with:

1. Day stickers which easily identify change requirements
2. 15F–22F catheter mount for flexible connection to the patient
3. A disconnection wedge for removal of the closed suction system from the endotracheal and tracheostomy tubes with minimal discomfort to the patient



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24 hour TrachSeal

| Code | Description | Size | Box Qty. |
|---------|--|------|----------|
| 3240002 | TrachSeal adult endotracheal closed suction system, 24 hour | F16 | 15 |
| 3240001 | TrachSeal adult endotracheal closed suction system, 24 hour | F14 | 15 |
| 3240000 | TrachSeal adult endotracheal closed suction system, 24 hour | F12 | 15 |
| 3240003 | TrachSeal adult endotracheal closed suction system, 24 hour | F10 | 15 |
| 3240007 | TrachSeal adult tracheostomy closed suction system, 24 hour | F16 | 15 |
| 3240006 | TrachSeal adult tracheostomy closed suction system, 24 hour | F14 | 15 |
| 3240005 | TrachSeal adult tracheostomy closed suction system, 24 hour | F12 | 15 |
| 3240004 | TrachSeal adult tracheostomy closed suction system, 24 hour | F10 | 15 |

72 hour TrachSeal

| Code | Description | Size | Box Qty. |
|---------|--|------|----------|
| 3720002 | TrachSeal adult endotracheal closed suction system, 72 hour | F16 | 15 |
| 3720001 | TrachSeal adult endotracheal closed suction system, 72 hour | F14 | 15 |
| 3720000 | TrachSeal adult endotracheal closed suction system, 72 hour | F12 | 15 |
| 3720003 | TrachSeal adult endotracheal closed suction system, 72 hour | F10 | 15 |
| 3720007 | TrachSeal adult tracheostomy closed suction system, 72 hour | F16 | 15 |
| 3720006 | TrachSeal adult tracheostomy closed suction system, 72 hour | F14 | 15 |
| 3720005 | TrachSeal adult tracheostomy closed suction system, 72 hour | F12 | 15 |
| 3720004 | TrachSeal adult tracheostomy closed suction system, 72 hour | F10 | 15 |



24 hour TrachSeal with saline ampoules

| Code | Description | Size | Box Qty. |
|-------------|--|------|----------|
| 3241002 NEW | TrachSeal adult endotracheal closed suction system with saline ampoules, 24hour | F16 | 15 |
| 3241001 NEW | TrachSeal adult endotracheal closed suction system with saline ampoules, 24hour | F14 | 15 |
| 3241000 NEW | TrachSeal adult endotracheal closed suction system with saline ampoules, 24hour | F12 | 15 |
| 3241003 NEW | TrachSeal adult endotracheal closed suction system with saline ampoules, 24hour | F10 | 15 |
| 3241007 NEW | TrachSeal adult tracheostomy closed suction system with saline ampoules, 24hour | F16 | 15 |
| 3241006 NEW | TrachSeal adult tracheostomy closed suction system with saline ampoules, 24hour | F14 | 15 |
| 3241005 NEW | TrachSeal adult tracheostomy closed suction system with saline ampoules, 24hour | F12 | 15 |
| 3241004 NEW | TrachSeal adult tracheostomy closed suction system with saline ampoules, 24hour | F10 | 15 |

72 hour TrachSeal with saline ampoules

| Code | Description | Size | Box Qty. |
|-------------|--|------|----------|
| 3721002 | TrachSeal adult endotracheal closed suction system with saline ampoules, 72hour | F16 | 15 |
| 3721001 | TrachSeal adult endotracheal closed suction system with saline ampoules, 72hour | F14 | 15 |
| 3721000 | TrachSeal adult endotracheal closed suction system with saline ampoules, 72hour | F12 | 15 |
| 3721003 NEW | TrachSeal adult endotracheal closed suction system with saline ampoules, 72hour | F10 | 15 |
| 3721007 | TrachSeal adult tracheostomy closed suction system with saline ampoules, 72hour | F16 | 15 |
| 3721006 | TrachSeal adult tracheostomy closed suction system with saline ampoules, 72hour | F14 | 15 |
| 3721005 | TrachSeal adult tracheostomy closed suction system with saline ampoules, 72hour | F12 | 15 |
| 3721004 NEW | TrachSeal adult tracheostomy closed suction system with saline ampoules, 72hour | F10 | 15 |

Accessories

| Code | Description | Box Qty. |
|---------|---|----------|
| 3022000 | Suction line splitter for use with closed suction and oral care lines | 25 |
| 3700000 | 0.9% NaCl solution for closed suction systems, 15ml | 70 |

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Connectors



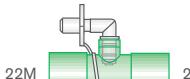
22mm straight connectors and mouthpieces

[Make an enquiry](#)

| | |
|---|-----|
|  | 22M |
| Code 1960000 (S*) | |
| Box Qty. 40 (15*) | |

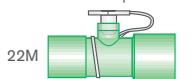
| | |
|---|-------------------|
|  | 7.6mm port 22M |
| Code 1966000 | |
| Box Qty. 25 | |

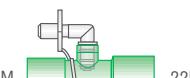


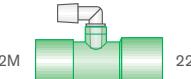
| | |
|---|------------------------|
|  | 6mm swivel stem 22M |
| Code 1965000 | |
| Box Qty. 25 | |

| | |
|---|---------|
|  | 22M/15F |
| Code 1969000 (S*) | |
| Box Qty. 40 (15*) | |

| | |
|---|-----|
|  | 22F |
| Code 1961000 (S*) | |
| Box Qty. 40 (15*) | |

| | |
|---|-------------------|
|  | 7.6mm port 22F |
| Code 1964000 (S*) | |
| Box Qty. 25 (15*) | |

| | |
|--|------------------------|
|  | 6mm swivel stem 22F |
| Code 1963000 | |
| Box Qty. 25 | |

| | |
|---|--------------------------|
|  | 10mm swivel elbow 22F |
| Code 1977000 (S*) | |
| Box Qty. 35 (15*) | |

| | |
|---|-----|
|  | 22F |
| Code 1967000 (S*) | |
| Box Qty. 35 (15*) | |

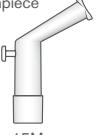
| | |
|---|-----|
|  | 19M |
| Code 1975000 | |
| Box Qty. 50 | |

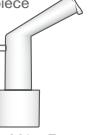
| | |
|--|-----|
|  | 30M |
| Code 1970000 | |
| Box Qty. 35 | |

| | |
|---|-----|
|  | 30F |
| Code 1971000 | |
| Box Qty. 25 | |

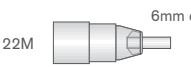
| | |
|---|----------------------------|
|  | Straight mouthpiece 22M |
| Code 1930000 | |
| Box Qty. 40 | |

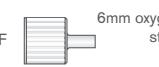
| | |
|---|----------------------------|
|  | Straight mouthpiece 22F |
| Code 1931000 | |
| Box Qty. 35 | |

| | |
|--|--------------------------|
|  | Angled mouthpiece 15M |
| Code 1937000 | |
| Box Qty. 20 | |

| | |
|---|------------------------------|
|  | Angled mouthpiece 22M/15F |
| Code 1938000 | |
| Box Qty. 15 | |

| | |
|---|---------------------|
|  | T-mouthpiece 22M |
| Code 1510000 | |
| Box Qty. 75 | |

| | |
|---|------------------------|
|  | 6mm oxygen stem 22M |
| Code 1968000 | |
| Box Qty. 50 | |

| | |
|--|------------------------|
|  | 6mm oxygen stem 22F |
| Code 1568000 | |
| Box Qty. 40 | |

| | |
|---|-------------------|
|  | Safety cap 22F |
| Code 1978000 | |
| Box Qty. 45 | |

For more connector options see our website www.intersurgical.com

 Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).



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15mm straight connectors**Make an enquiry**

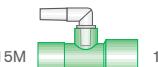
| | |
|---|---------|
|  | 15M |
| Code | 1945000 |
| Box Qty. | 30 |

| | | |
|---|---------|-----|
|  | 15M | 15F |
| Code | 1946000 | |
| Box Qty. | 30 | |

| | | |
|--|----------|-----|
|  | 15M/11.5 | 10M |
| Code | 1661000 | |
| Box Qty. | 25 | |



| | | | |
|---|---------|------------|-----|
|  | 15M | 7.6mm port | 15F |
| Code | 1947000 | | |
| Box Qty. | 40 | | |

| | | | |
|---|---------|-----------------|-----|
|  | 15M | 6mm swivel stem | 15F |
| Code | 1948000 | | |
| Box Qty. | 50 | | |

| | | | |
|--|---------|-----|-----|
|  | 15F | 15M | 15F |
| Code | 1949000 | | |
| Box Qty. | 25 | | |

| | | |
|---|---------|-----|
|  | 15M | 22M |
| Code | 1943000 | |
| Box Qty. | 40 | |

| | | |
|---|---------|-------------------------|
|  | 22M/15F | Large oxygen stem 6.5mm |
| Code | 1974000 | |
| Box Qty. | 45 | |

| | | |
|---|---------|-----|
|  | 15M | 22M |
| Code | 1976000 | |
| Box Qty. | 50 | |

| | | |
|--|---------|-----|
|  | 15M | 22F |
| Code | 1962000 | |
| Box Qty. | 30 | |

| | | |
|---|---------|-----|
|  | 15F | 22F |
| Code | 1979000 | |
| Box Qty. | 50 | |

Elastomeric soft connectors**Make an enquiry**

| | | | |
|---|---------|----------------------------------|-----|
|  | 22F | 22mm lipped or non-ISO connector | 15F |
| Code | 1701000 | | |
| Box Qty. | 40 | | |

| | | |
|---|---------|--------------|
|  | 15F | 6-9mm spigot |
| Code | 1702000 | |
| Box Qty. | 50 | |



| | | |
|---|---------|---------------|
|  | 15F | 9-11mm spigot |
| Code | 1703000 | |
| Box Qty. | 50 | |

| | | |
|---|---------|----------------------------------|
|  | 22F | 22mm lipped or non-ISO connector |
| Code | 1704000 | |
| Box Qty. | 35 | |

| | | |
|--|---------|----------------------------------|
|  | 22F | 22mm lipped or non-ISO connector |
| Code | 1705000 | |
| Box Qty. | 25 | |

| | | |
|---|---------|----------------------------------|
|  | 22F | 22mm lipped or non-ISO connector |
| Code | 1706000 | |
| Box Qty. | 35 | |

Connection with MDI ports**Make an enquiry**

| | | | | |
|---|----------|--------------------------------|-----|-----|
|  | MDI port | MDI directed away from patient | 15M | 15F |
| Code | 1947001 | | | |
| Box Qty. | 25 | | | |

| | | | | |
|---|----------|------------------------------|-----|-----|
|  | MDI port | MDI directed towards patient | 15M | 15F |
| Code | 1947003 | | | |
| Box Qty. | 25 | | | |

| | | | | |
|---|----------|--------------------------------|-----|-----|
|  | MDI port | MDI directed away from patient | 22M | 22M |
| Code | 1966001 | | | |
| Box Qty. | 25 | | | |

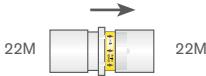
| | | | | |
|---|----------|------------------------------|-----|-----|
|  | MDI port | MDI directed towards patient | 22M | 22F |
| Code | 1964004 | | | |
| Box Qty. | 25 | | | |

| | | | | |
|---|----------|--------------------------------|-----|-----|
|  | MDI port | MDI directed away from patient | 22M | 22F |
| Code | 1964001 | | | |
| Box Qty. | 25 | | | |

For more connector options see our website www.intersurgical.com

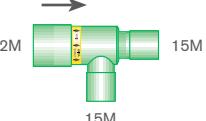
Directional valves

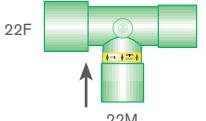
[Make an enquiry](#)

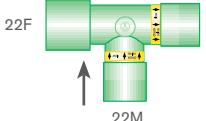
| | |
|---|-----------|
|  | 22M → 22M |
| Code | 1950000 |
| Box Qty. | 40 |

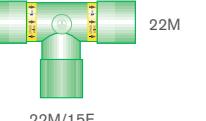
| | |
|---|-----------|
|  | 22M → 22F |
| Code | 1921000 |
| Box Qty. | 75 |



| | |
|---|-----------|
|  | 22M → 15M |
| Code | 1955000 |
| Box Qty. | 25 |

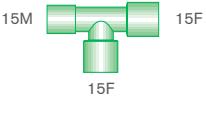
| | |
|---|-----------|
|  | 22F → 22M |
| Code | 1952000 |
| Box Qty. | 25 |

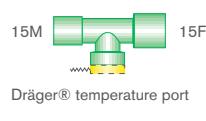
| | |
|--|-----------|
|  | 22F → 22M |
| Code | 1953000 |
| Box Qty. | 25 |

| | |
|---|-----------|
|  | 22M → 22M |
| Code | 22M/15F |
| Box Qty. | 25 |

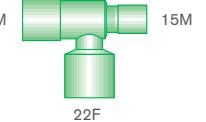
T-piece connectors

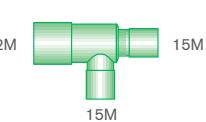
[Make an enquiry](#)

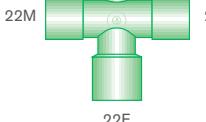
| | |
|--|-----------|
|  | 15M → 15F |
| Code | 1802000 |
| Box Qty. | 40 |

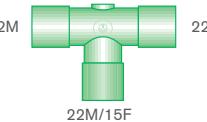
| | |
|--|-----------|
|  | 15M → 15F |
| Dräger® temperature port | |
| Code | 1801000 |
| Box Qty. | 40 |

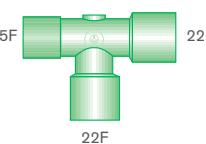


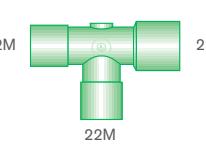
| | |
|---|-----------|
|  | 22M → 15M |
| Code | 1989000 |
| Box Qty. | 25 |

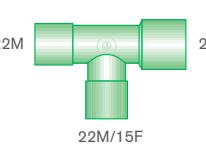
| | |
|---|-----------|
|  | 22M → 15M |
| Code | 1988000 |
| Box Qty. | 40 |

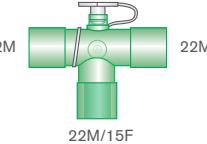
| | |
|--|-----------|
|  | 22M → 22M |
| Code | 1981000 |
| Box Qty. | 20 |

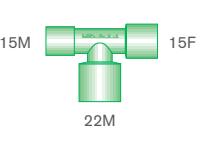
| | |
|---|---------------|
|  | 22M → 22M/15F |
| Code | 1980000 |
| Box Qty. | 25 |

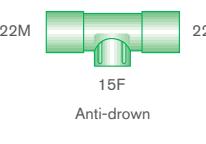
| | |
|---|---------------|
|  | 22M/15F → 22F |
| Code | 1983000 |
| Box Qty. | 20 |

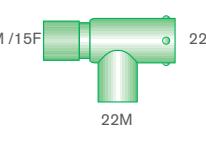
| | |
|---|-----------|
|  | 22M → 22F |
| Code | 1982000 |
| Box Qty. | 20 |

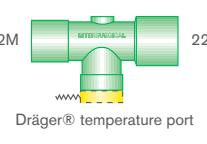
| | |
|--|---------------|
|  | 22M → 22M/15F |
| Code | 1985000 |
| Box Qty. | 20 |

| | |
|---|---------------|
|  | 22M → 22M/15F |
| Code | 1984000 (S*) |
| Box Qty. | 25 (8*) |

| | |
|---|-----------|
|  | 15M → 22M |
| Code | 1800000 |
| Box Qty. | 35 |

| | |
|---|-----------|
|  | 22M → 15F |
| Anti-drown | |
| Code | 1959000 |
| Box Qty. | 30 |

| | |
|--|---------------|
|  | 22M/15F → 22F |
| Code | 1986000 |
| Box Qty. | 20 |

| | |
|---|--------------------------------|
|  | 22M → Dräger® temperature port |
| Dräger® temperature port | |
| Code | 1987000 |
| Box Qty. | 25 |

Y-piece connectors

| |
|---------------------|
| |
| Code 1902000 |
| Box Qty. 25 |

[Make an enquiry](#)

| |
|---------------------|
| |
| Code 1903000 |
| Box Qty. 25 |



| |
|---------------------|
| |
| Code 1900000 |
| Box Qty. 20 |

| |
|---------------------|
| |
| Code 1901000 |
| Box Qty. 15 |

| |
|---------------------|
| |
| Code 1926000 |
| Box Qty. 20 |

| |
|---------------------|
| |
| Code 1927000 |
| Box Qty. 15 |

| |
|---------------------|
| |
| Code 1928000 |
| Box Qty. 15 |

| |
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| |
| Code 1929000 |
| Box Qty. 15 |

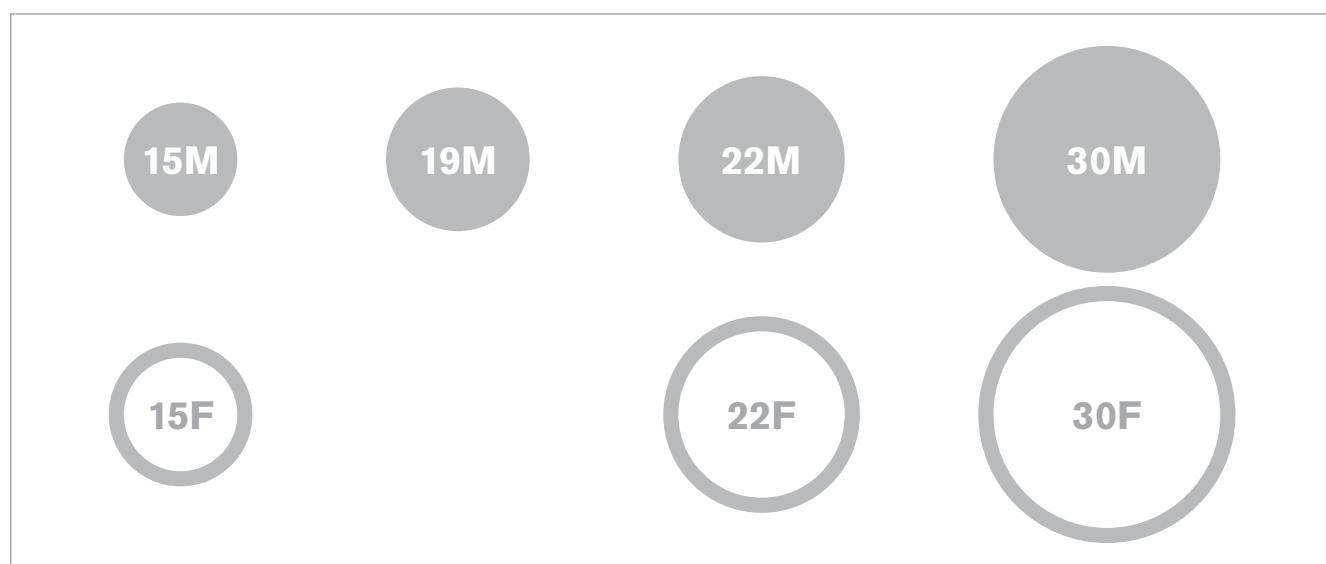
Push and Twist

All of our tapers and connections are manufactured to meet the relevant BS, ISO and EN Standards ensuring a secure gas tight fit when using a simple push and twist action.

Video available at www.intersurgical.com



Actual size connectors sizing guide



For more connector options see our website www.intersurgical.com



Oxygen and Aerosol Therapy

A range of products for fixed and variable concentration oxygen therapy, aerosol (humidification) therapy and nebulisation therapy.

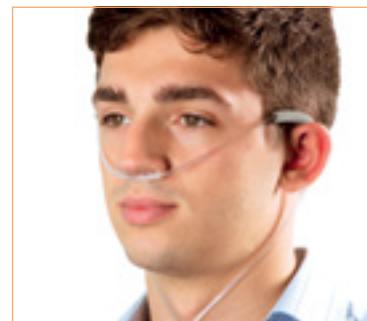
| | |
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| Oxygen Therapy | 130 |
| Aerosol Therapy | 142 |
| Nebuliser Therapy..... | 146 |



Contact us



Oxygen Therapy



▶ Oxygen Therapy Training Video available at www.intersurgical.com



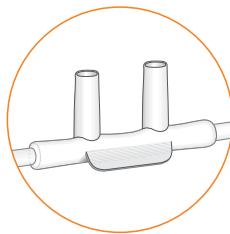
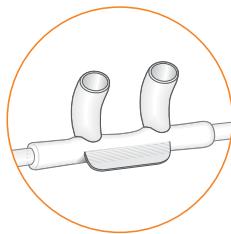
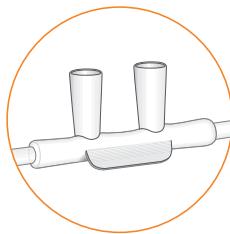
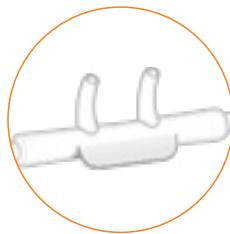
Nasal cannula

Conventional nasal cannula

A range of products for adult, paediatric and neonates are available with a wide selection of prong shapes to suit all patient requirements. All oxygen tubing in the range is manufactured in a 'multi-channel' design, which permits oxygen flow even if the tubing is kinked. The Earguard option includes soft silicone foam cushions, which are easily adjusted and securely fitted to prevent trauma to the patient's ears.



Video available at www.intersurgical.com



Curved prongs:

Improved anatomical shape and fit

Flared prongs:

Slow down the flow of oxygen

Curved and Flared prongs:

Combines the benefits of both

Straight Prongs

Curved prongs with ear guards:

Improved anatomical fit and patient comfort

| Code | Description | Length | Box Qty. |
|---------|--|--------|----------|
| 1161000 | Adult, nasal cannula with straight prongs and tube | 1.8m | 50 |
| 1161004 | Adult, nasal cannula with straight prongs and tube | 2.1m | 50 |
| 1162000 | Adult, nasal cannula with straight prongs and tube | 5m | 20 |
| 1169000 | Adult, nasal cannula with straight prongs headset | | 100 |
| 1165000 | Adult, nasal cannula with curved prongs and tube | 1.8m | 50 |
| 1161020 | Adult, Satin nasal cannula with straight prongs and tube | 1.8m | 50 |
| 1165020 | Adult, Satin nasal cannula with curved prongs and tube | 1.8m | 50 |
| 1165002 | Adult, nasal cannula with curved prongs, ear guards and tube | 2.1m | 50 |
| 1165003 | Adult, nasal cannula with curved prongs, ear guards and tube | 5m | 40 |
| 1165021 | Adult, Satin nasal cannula with curved prongs and tube | 2.1m | 50 |
| 1161021 | Adult, Satin nasal cannula with straight prongs and tube | 2.1m | 50 |
| 1166000 | Adult, nasal cannula with flared prongs and tube | 1.8m | 50 |
| 1167000 | Adult, nasal cannula with curved/flared prongs and tube | 1.8m | 50 |
| 1168000 | Adult, nasal cannula with curved/flared prongs headset | | 100 |
| 1163000 | Paediatric, nasal cannula with curved prongs and tube | 2.1m | 50 |
| 1164000 | Neonatal, nasal cannula with curved prongs and tube | 2.1m | 50 |

[Make an enquiry](#)



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Phthalate free nasal cannula

The Phthalate-free range of nasal cannula has been designed to address the concerns of neonatal exposure to DEHP in premature infants and newborns requiring intensive care in a neonatal unit.



| Code | Description | Length | Box Qty. | |
|---------|--|--------|----------|--|
| 1160002 | Infant, nasal cannula with curved prongs and tube | 2.1m | 50 | |
| 1160001 | Neonatal, nasal cannula with curved prongs and tube | 2.1m | 50 | |
| 1160000 | Premature, nasal cannula with curved prongs and tube | 2.1m | 50 | |

[Make an enquiry](#)

Sentri™ ETCO₂ nasal cannula

Available in three sizes, Sentri permits the sampling of exhaled carbon dioxide in non-intubated patients during the administration of supplementary oxygen. By delivering oxygen through one prong and sampling exhaled gas from the other, the nasal cannula provide end tidal values comparable to those achieved with intubated patients. Nasal cannula may be more appropriate for paediatric patients when high oxygen flows may dilute the CO₂ sample and give a low (or no) value.



| Code | Description | Length | Box Qty. | |
|---------|--|--------|----------|--|
| 1144001 | Sentri, adult, nasal cannula with curved prongs and tube | 2.1m | 50 | |
| 1144002 | Sentri, adult, nasal cannula with curved prongs, CO ₂ monitoring line, filter and tube | 2.1m | 40 | |
| 1144005 | Sentri, paediatric, nasal cannula with curved prongs and tube | 2.1m | 50 | |
| 1144006 | Sentri, paediatric, nasal cannula with curved prongs, CO ₂ monitoring line, filter and tube | 2.1m | 40 | |
| 1144009 | Sentri, infant, nasal cannula with curved prongs and tube | 2.1m | 40 | |
| 1144010 | Sentri, infant, nasal cannula with curved prongs, CO ₂ monitoring line, filter and tube | 2.1m | 40 | |

[Make an enquiry](#)

Dual lumen nasal cannula

The dual lumen cannula is specifically designed for use with all electronic or pressure activated portable liquid oxygen systems. It features a dual lumen cannula which delivers oxygen to, and senses demand from, both nostrils. When demand drops so does the supply of oxygen conserving the available supply of gas. Made from Intersurgical's soft satin material, proven in testing to create 20% less friction to the patient's face and ears compared to a standard cannula.



| Code | Description | Length | Box Qty. | |
|---------|--|--------|----------|--|
| 1165011 | Dual lumen, adult, nasal cannula with curved prongs and tube | 1.25m | 50 | |
| 1165012 | Dual lumen, adult, nasal cannula with curved prongs and tube | 1.8m | 50 | |
| 1165013 | Dual lumen, adult, nasal cannula with curved prongs and tube | 2.5m | 50 | |

[Make an enquiry](#)

Phthalate free paediatric, infant and neonatal options



Reduce the pressure

Intersurgical has two products to reduce the occurrence of pressure ulcers on the ear

Intersurgical EcoLite™ oxygen masks



Intersurgical EcoLite™ oxygen masks featuring:

- Under ear elastic position eliminates trauma to top of ears
- Soft face seal
- Light weight

[Make an enquiry](#)

Nasal cannula with ear guards



Nasal cannula with ear guards featuring:

- Soft silicone foam cushions
- Easily adjustable
- Securely fitted
- Non-allergenic

[Make an enquiry](#)

For a sample and further information visit www.intersurgical.com/info/tissueviability



Contact us

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Intersurgical EcoLite™ adult medium concentration oxygen mask

Welcome to the Comfort Zone

The unique design and materials used to manufacture the Intersurgical EcoLite mask provides improved patient comfort and a reduced environmental impact.



Comfortable for the Patient

Improved patient comfort has been key to the development of the Intersurgical EcoLite mask. The latest manufacturing technology has enabled us to combine two non-PVC materials in the same product, the polypropylene material forming the body of the Intersurgical EcoLite mask is clear, lightweight and rigid enough to maintain the masks shape, whilst the second softer TPE material is utilised in the seal, which is in contact with the patients face.

Comfortable for the Environment

The Intersurgical EcoLite mask is an important part of our Eco range, designed as part of our ongoing focus on sustainable development. The use of PVC in medical products has been questioned and its impact on the environment. The utilisation of alternative materials has resulted in the elimination of PVC from the Intersurgical EcoLite mask, reducing the environmental impact.



[More about our Eco range](#)

www.intersurgical.com/info/eco

Video available at www.intersurgical.com



Incurred nose seal

Conforms to different nose shapes designed to prevent oxygen entering patient's eyes

No metal nose clip

MRI compatible

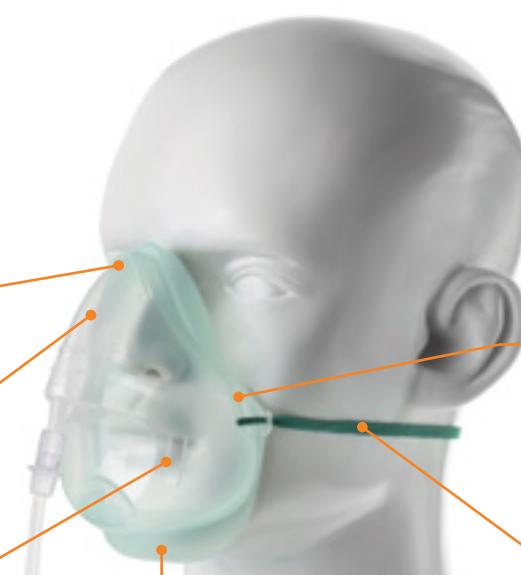
Exhalation ports

Designed to minimise the amount of rebreathed carbon dioxide

A choice of "under chin" or "on chin" positions

Provides a better fit on a wider range of patient face shapes

[Make an enquiry](#)



Lighter

50% lighter than a PVC mask, more comfortable for the patient

Soft face seals

Increased patient comfort

Elastic can be positioned under or over the ears

Below ear position eliminates trauma to top of ears



Adult masks

| Code | Description | Tube length | Box Qty. |
|---------|--|-------------|----------|
| 1136015 | Intersurgical EcoLite, adult, medium concentration oxygen mask | 55 | |
| 1135015 | Intersurgical EcoLite, adult, medium concentration oxygen mask with tube | 2.1m | 40 |

Lower environmental impact product

Paediatric medium concentration oxygen mask

The Intersurgical EcoLite™ is the lightest and most comfortable paediatric mask available. Every aspect of the design has been addressed, achieving unparalleled levels of comfort and fit. Not only comfortable for the patient but also comfortable for the environment.

The elimination of PVC from the masks has dramatically lowered their environmental impact.

 Video available at www.intersurgical.com



| Code | Description | Tube length | Box Qty. |
|---------|---|-------------|--|
| 1190015 | Intersurgical EcoLite, paediatric, medium concentration oxygen mask | 42 |  |
| 1196015 | Intersurgical EcoLite, paediatric, medium concentration oxygen mask with tube | 2.1m | 40  |

[Make an enquiry](#)

Sentri™ ETCO₂ mask

The Sentri Mask is an adult, medium concentration Intersurgical EcoLite oxygen mask with a Luer lock connector enabling the connection of a monitoring line, the other end of which is connected to a capnometer. The Sentri mask is used for measuring end-tidal CO₂ (ETCO₂) in expired gases while supplying oxygen to the patient.



| Code | Description | Tube length | Box Qty. |
|-------------|---|-------------|--|
| 1142015 | Sentri Intersurgical EcoLite, adult, mask with CO ₂ monitoring line and tube | 2.1m | 30  |
| 1143015 | Sentri Intersurgical EcoLite, adult, mask with CO ₂ monitoring line, filter and tube | 2.1m | 30  |
| 1141015 NEW | Sentri Intersurgical EcoLite, adult, mask with tube | 2.1m | 30  |

[Make an enquiry](#)

Sentri™ ETCO₂ nasal cannula

Available in three sizes, the Sentri nasal cannula permits the sampling of exhaled carbon dioxide in non-intubated patients during the administration of supplementary oxygen. By delivering oxygen through one prong and sampling exhaled gas from the other, the nasal cannula provide end tidal values comparable to those achieved with intubated patients. Nasal cannula may be more appropriate for paediatric patients when high oxygen flows may dilute the CO₂ sample and give a low (or no) value.



| Code | Description | Length | Box Qty. |
|---------|--|--------|----------|
| 1144001 | Sentri, adult, nasal cannula with curved prongs and tube | 2.1m | 50 |
| 1144002 | Sentri, adult, nasal cannula with curved prongs, CO ₂ monitoring line, filter and tube | 2.1m | 40 |
| 1144005 | Sentri, paediatric, nasal cannula with curved prongs and tube | 2.1m | 50 |
| 1144006 | Sentri, paediatric, nasal cannula with curved prongs, CO ₂ monitoring line, filter and tube | 2.1m | 40 |
| 1144009 | Sentri, infant, nasal cannula with curved prongs and tube | 2.1m | 40 |
| 1144010 | Sentri, infant, nasal cannula with curved prongs, CO ₂ monitoring line, filter and tube | 2.1m | 40 |

[Make an enquiry](#)



Lower environmental impact product



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FiltaMask™

The FiltaMask combines an oxygen delivery system with a filter media covering the exhalation ports. FiltaMask is intended for use on patients who may be a source of aerosolised infectious pathogens and who also require supplementary oxygen.



| Code | Description | Tube length | Box Qty. |
|---------|---|-------------|----------|
| 1145000 | FiltaMask, Eco, adult, medium concentration oxygen mask with tube | 2.1m | 15 |

[Make an enquiry](#)

High concentration oxygen mask

Adult and paediatric high concentration oxygen masks. The Intersurgical EcoLite™ adult mask design is both comfortable for the patient and seals on the patients face, which results in higher oxygen concentrations as less ambient air enters the mask.

Video available at www.intersurgical.com



illustrated

| Code | Description | Tube length | Box Qty. |
|---------|--|-------------|----------|
| 1181015 | Intersurgical EcoLite, adult, high concentration oxygen mask with tube | 2.1m | 24 |
| 1192000 | Paediatric, high concentration oxygen mask with tube | 2.1m | 40 |

[Make an enquiry](#)

Respi-Check™ breathing indicator mask

Respiratory rate is an accurate reflection of severity of illness and if carefully measured is a sensitive marker of accurate respiratory and metabolic dysfunction, especially in the critical care setting. The Respi-Check breathing indicator provides a simple and inexpensive solution to improving the accuracy of respiratory rate measurement.



illustrated

| Code | Description | Tube length | Box Qty. |
|---------|---|-------------|----------|
| 1202000 | Respi-Check, adult, breathing indicator high concentration oxygen mask with tube | 2.1m | 20 |
| 1216000 | Respi-Check, adult, breathing indicator medium concentration oxygen mask | | 20 |
| 1292000 | Respi-Check, paediatric, breathing indicator high concentration oxygen mask with tube | 2.1m | 20 |

[Make an enquiry](#)

Lower environmental impact product

Silente™ venturi mask kit

The Silente has been designed to operate at a very low noise level, with the large diameter body providing space for clear, widely spaced calibration and incorporates a "pull-twist" action to prevent accidental adjustment.

The concentration delivered is unaffected by the patient's breathing pattern provided that the optimum flow indicated on the valve is set on the oxygen flow meter.



illustrated

| Code | Description | Tube length | Box Qty. |
|-------------|--|-------------|----------|
| 1137015 NEW | Silente, Intersurgical EcoLite™, adult, adjustable venturi mask kit with tube | 1.8m | 30 |
| 1138015 | Silente, Intersurgical EcoLite™, paediatric, adjustable venturi mask kit with tube | 1.8m | 40 |

[Make an enquiry](#)

MultiOx™ venturi mask kits

The MultiOx provides a lower cost option to the top of the range Silente whilst maintaining the same levels of accuracy.

The concentration delivered is unaffected by the patient's breathing pattern provided that the optimum flow indicated on the valve is set on the oxygen flow meter.



illustrated

| Code | Description | Tube length | Box Qty. |
|-------------|---|-------------|----------|
| 1117015 NEW | MultiOx, Intersurgical EcoLite™, adult, adjustable venturi mask kit with tube | 1.8m | 80 |
| 1118005 | MultiOx, Intersurgical EcoLite, paediatric, adjustable venturi mask kit with tube | 1.8m | 40 |

[Make an enquiry](#)

Lower environmental impact product



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Venturi valves

A comprehensive range of Venturi valves available individually, designed to meet the requirements of BS EN 13544-3: 2001 and are colour-coded for easy identification.

The flow printed on the valves ensures that the patient receives a total flow of approximately 40 L/min. This is designed to meet the patients normal peak flow requirements.



| Code | Description | Box Qty. |
|---------|----------------------------------|----------|
| 0060000 | Venturi valve 60% oxygen, green | 50 |
| 0070000 | Venturi valve 50% oxygen, pink | 50 |
| 0040000 | Venturi valve 40% oxygen, red | 50 |
| 0035000 | Venturi valve 35% oxygen, yellow | 50 |
| 0031000 | Venturi valve 31% oxygen, orange | 50 |
| 0028000 | Venturi valve 28% oxygen, white | 50 |
| 0024000 | Venturi valve 24% oxygen, blue | 50 |

[Make an enquiry](#)

Venturi valve Intersurgical EcoLite™ mask kits

These kits incorporate the Intersurgical EcoLite masks providing an unprecedented level of comfort and a reduced environmental impact.



| Code | Description | Tube length | Box Qty. |
|---------|---|-------------|----------|
| 1060085 | Intersurgical EcoLite, adult, oxygen mask with 60% venturi valve, green | 40 | |
| 1060081 | Intersurgical EcoLite, adult, oxygen mask with 60% venturi valve, green and tube | 1.8m | |
| 1040085 | Intersurgical EcoLite, adult, oxygen mask with 40% venturi valve, red | 40 | |
| 1040081 | Intersurgical EcoLite, adult, oxygen mask with 40% venturi valve, red and tube | 1.8m | |
| 1035085 | Intersurgical EcoLite, adult, oxygen mask with 35% venturi valve, yellow | 40 | |
| 1035081 | Intersurgical EcoLite, adult, oxygen mask with 35% venturi valve, yellow and tube | 1.8m | |
| 1031085 | Intersurgical EcoLite, adult, oxygen mask with 31% venturi valve, orange | 40 | |
| 1031081 | Intersurgical EcoLite, adult, oxygen mask with 31% venturi valve, orange and tube | 1.8m | |
| 1028085 | Intersurgical EcoLite, adult, oxygen mask with 28% venturi valve, white | 40 | |
| 1028081 | Intersurgical EcoLite, adult, oxygen mask with 28% venturi valve, white and tube | 1.8m | |
| 1024085 | Intersurgical EcoLite, adult, oxygen mask with 24% venturi valve, blue | 40 | |
| 1024081 | Intersurgical EcoLite, adult, oxygen mask with 24% venturi valve, blue and tube | 1.8m | |

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Lower environmental impact product

Intersurgical EcoLite™ mask venturi kits

A complete kit comprised of five valves, an adult or paediatric Intersurgical EcoLite aerosol mask, oxygen tube and humidification cup. The flow printed on the valves ensures that the patient receives a total flow of approximately 40 L/min. This is designed to meet the patients normal peak flow requirements.



illustrated

| Code | Description | Box Qty. |
|---------|---|----------|
| 1107085 | Intersurgical EcoLite, adult, venturi mask kit | 25 |
| 1107012 | Intersurgical EcoLite, paediatric, venturi mask kit | 30 |

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Oxygen recovery T-piece with reservoir bag

The Intersurgical oxygen recovery T-piece with reservoir bag has been designed to deliver supplementary oxygen to post-operative, spontaneously breathing patients in transport and recovery whilst the airway is still in place. The light weight design means there is minimal pull on the patient's supraglottic airway or tracheal tube. The reservoir bag provides an audible and visual indication of respiration.



| Code | Description | Tube length | Box Qty. |
|-------------|---|-------------|----------|
| 1041000 | Oxygen recovery T-piece with reservoir bag | | 100 |
| 1041001 | Oxygen recovery T-piece with reservoir bag and tube | 2.1m | 40 |
| 1041002 NEW | Oxygen recovery T-piece with reservoir bag and Intersurgical EcoLite™, adult, medium concentration oxygen mask and tube | 2.1m | 55 |

[Make an enquiry](#)

Oxygen recovery kit

Designed for use with spontaneously breathing, intubated patients in transport and recovery, the oxygen recovery kit provides a fixed concentration of 40% oxygen and connects to a 15mm endotracheal tube connector or a laryngeal mask.



| Code | Description | Box Qty. |
|---------|---------------------------------|----------|
| 1040013 | Oxygen recovery kit, 40% oxygen | 40 |

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AquaFlow™ oxygen bubble humidifiers

A comprehensive range of devices for delivering unheated humidification to your patients. Supplied with a bottle, the AquaFlow range of bubble humidifiers are suitable for patients receiving variable oxygen therapy.



1507000



1505000



1521000



1520000

| Code | Description | Box Qty. |
|---------|---|----------|
| 1507000 | AquaFlow, oxygen bubble humidifier with bottle, 500ml | 20 |
| 1505000 | AquaFlow, oxygen bubble humidifier with bottle plus M12 adaptor, 500ml | 20 |
| 1521000 | AquaFlow, homecare oxygen bubble humidifier with bottle, 120ml | 20 |
| 1520000 | AquaFlow, homecare oxygen bubble humidifier with bottle plus M12 adaptor, 120ml | 20 |

[Make an enquiry](#)

Flowmeter adaptors

Oxygen therapy flowmeters are available with a variety of connection types. The Intersurgical range of adaptors has been designed to permit the attachment of humidification devices with 9/16 UNF Diameter Index Safety System (D.I.S.S) threaded couplings to a variety of flowmeter types.



Please download the explanatory poster entitled Oxygen Therapy Flowmeters to choose the most suitable adaptor for your application:

www.intersurgical.com/products/oxygen-and-aerosol-therapy/flowmeter-adaptors

| Code | Description | Box Qty. |
|---------|---------------------------------|----------|
| 1508001 | Sure Loc™ flowmeter adaptor | 45 |
| 1506001 | BOC® flowmeter adaptor | 50 |
| 1509001 | Flowmeter adaptor M12 | 50 |
| 1504001 | Oxygen flowmeter nipple D.I.S.S | 50 |
| 1505001 | Oxygen flowmeter nipple M12 | 50 |

[Make an enquiry](#)

Baxter is a registered trademark of Baxter International Inc. BOC is a registered trademark of The BOC Group Ltd.

Oxygen tubing

Kink resistant tubing in a number of lengths. A non-PVC version is available providing an environmentally friendly choice.

 Video available at www.intersurgical.com



 illustrated

| Code | Description | Length | Box Qty. |
|---|--|--------|---|
| 1180000 | Oxygen thick wall tube, 5mm ID–7mm OD (1 roll) | 50m | 1 |
| 1170000 | Oxygen bubble tube, 4mm–8mm ID (1 roll) | 50m | 1 |
| 1175000 | Oxygen tube | 4m | 30 |
| 1174010 | Non-PVC oxygen tube | 2.1m | 100  |
| 1174003 | Oxygen tube | 2.1m | 100 |
|  1174000 | Oxygen tube | 1.8m | 125 |
| 1173000 | Oxygen tube with wide connector | 1.8m | 60 |
| 1178000 | Sure-Loc™ oxygen tube | 1.8m | 125 |
| 1476000 | Sure Loc™ oxygen tube with flowmeter adaptor | 1.8m | 75 |

 Make an enquiry

Oxygen tube connectors

Male and female straight oxygen connectors, with 6mm oxygen stems.

| | | |
|---|---------|-----------------|
|  | 22M | 6mm oxygen stem |
| Code | 1968000 | |
| Box Qty. | 50 | |

 Make an enquiry

| | | |
|---|---------|-----------------|
|  | 22F | 6mm oxygen stem |
| Code | 1568000 | |
| Box Qty. | 40 | |

HyperVent™ bag

The HyperVent bag is designed to facilitate the treatment of hyperventilation and replace the paper bag currently used. Comprising a housing with integral mouthpiece ensuring it is easy for the patient to hold, connected to a strong plastic bag. Unlike paper bags, the HyperVent bag overcomes the danger of hypoxia, inhalation of foreign bodies and potential source of infection. It also does not disintegrate with use and is medically clean.



| Code | Description | Box Qty. |
|---------|---------------|----------|
| 1130000 | HyperVent bag | 5 |

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 Lower environmental impact product



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Aerosol Therapy



Intersurgical EcoLite™ aerosol face masks

Intersurgical EcoLite aerosol masks are available in paediatric and adult sizes and are made from non-PVC material, part of our Eco range.



illustrated

| Code | Description | Connectors | Box Qty. |
|---------|---|------------|----------|
| 1188015 | Intersurgical EcoLite, adult, aerosol mask | 22F | 50 |
| 1198015 | Intersurgical EcoLite, paediatric, aerosol mask | 22F | 42 |

[Make an enquiry](#)

Tracheostomy masks and T-pieces

A high quality, lightweight mask with a quick-release elastic for ease of use.

Because we don't use any PVC the environmental impact is significantly less than conventional masks, in fact 82% less.

Video available at www.intersurgical.com



illustrated

| Code | Description | Connectors | Box Qty. |
|---------|---|-----------------|----------|
| 1200050 | Intersurgical EcoLite, adult, tracheostomy mask | 22M | 30 |
| 1206000 | Paediatric, tracheostomy mask | 22M | 35 |
| 1980000 | Tracheostomy T-piece | 22M-22M-22M/15F | 25 |
| 1984000 | Tracheostomy T-piece with 7.6mm port | 22M-22M-22M/15F | 25 |

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Aerosol therapy accessories

A range of accessories for aerosol therapy.



1966001



1964001



1947001



1947003



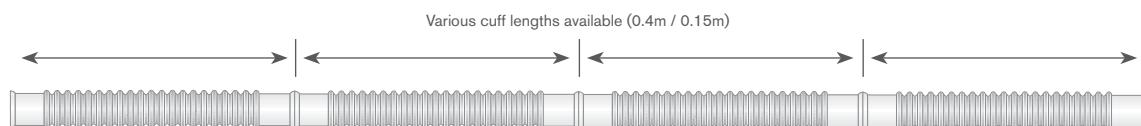
1953000

| Code | Description | Connectors | Box Qty. |
|---------|--|---------------------------------------|----------|
| 1966001 | Straight connector | 22M-MDI port-22M | 25 |
| 1964001 | Straight connector | 22M-MDI port away from patient-22F | 25 |
| 1947001 | Straight connector | 15M-MDI port away from patient-15F | 25 |
| 1947003 | Straight connector | 15M-MDI port towards from patient-15F | 25 |
| 1953000 | Anti-pollution T-piece directional valve | 22F-22MV-22M | 25 |

[Make an enquiry](#)

Aerosol tubing

A range of 15mm and 22mm Flextube™ available with various cuff lengths for use within aerosol therapy.



| Code | Description | Length | Box Qty. |
|---------|--------------------------------|--------------|----------|
| 1528000 | 22mm Flextube | 1.6m lengths | 30 |
| 1574000 | 22mm Flextube, Cuffed at 400mm | 50m roll | 1 |
| 1574900 | 22mm Flextube, Cuffed at 400mm | 50m roll | 5 |
| 1573000 | 22mm Flextube, Cuffed at 150mm | 50m roll | 1 |
| 1576000 | 15mm Flextube, Cuffed at 400mm | 50m roll | 1 |
| 1575000 | 15mm Flextube, Cuffed at 150mm | 50m roll | 1 |

[Make an enquiry](#)

AquaMist™ humidifier nebulisers

The Intersurgical AquaMist humidifier nebuliser has been designed to quietly deliver accurate concentrations of humidified oxygen. The humidifier nebuliser allows the clinician to prescribe a concentration of oxygen which will remain unaffected by the flow rate or the patient's own breathing pattern.



1508000

1500000

1509000

1502000

1500001

| Code | Description | Box Qty. |
|---------|---|----------|
| 1508000 | AquaMist, humidifier nebuliser without bottle | 24 |
| 1500000 | AquaMist, humidifier nebuliser without bottle, with BOC® adaptor | 24 |
| 1509000 | AquaMist, humidifier nebuliser with bottle, 500ml | 25 |
| 1502000 | AquaMist, humidifier nebuliser with bottle and BOC® adaptor, 500ml | 25 |
| 1500001 | AquaMist, humidifier nebuliser and Intersurgical EcoLite™ aerosol mask kit without bottle, BOC® adaptor, 2.0m Flextube™ | 15 |

[Make an enquiry](#)

Flowmeter adaptors

Oxygen therapy flowmeters are available with a variety of connection types. The Intersurgical range of adaptors has been designed to permit the attachment of humidification devices with 9/16 UNF Diameter Index Safety System (D.I.S.S) threaded couplings to a variety of flowmeter types.



Please download the explanatory poster entitled Oxygen Therapy Flowmeters to choose the most suitable adaptor for your application:

www.intersurgical.com/products/oxygen-and-aerosol-therapy/flowmeter-adaptors

| Code | Description | Box Qty. |
|---------|---------------------------------|----------|
| 1508001 | Sure Loc™ flowmeter adaptor | 45 |
| 1506001 | BOC® flowmeter adaptor | 50 |
| 1509001 | Flowmeter adaptor M12 | 50 |
| 1504001 | Oxygen flowmeter nipple D.I.S.S | 50 |
| 1505001 | Oxygen flowmeter nipple M12 | 50 |

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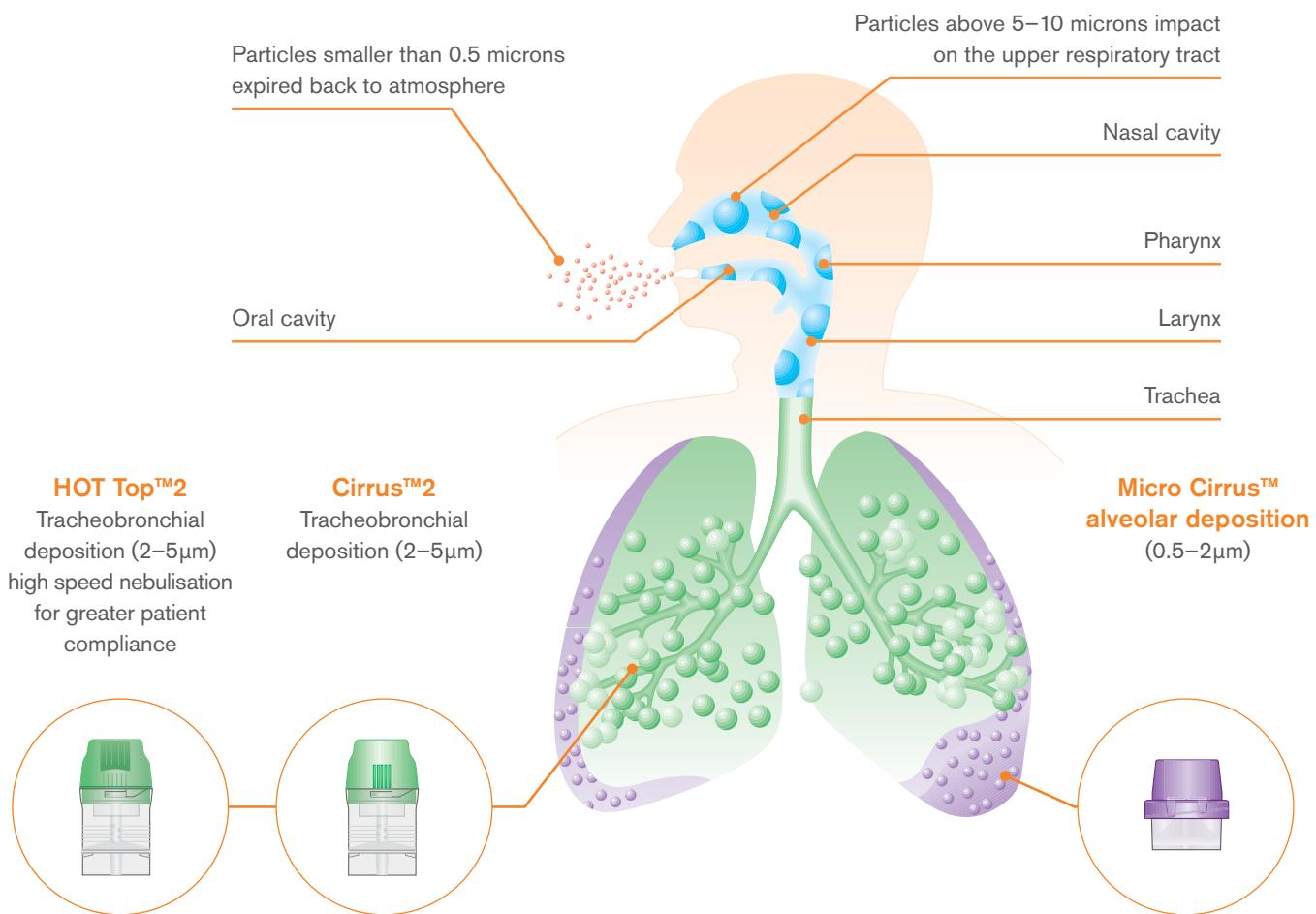
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Nebuliser Therapy



Choosing a nebuliser



Tracheobronchial deposition



HOT Top™2 nebuliser

The HOT Top2 is designed for high speed nebulisation, significantly reducing treatment time compared with conventional nebulisers.

At a driving gas flow of 8 L/min, the Mass Median Diameter (MMD) is 2.8 microns.



Cirrus™2 nebuliser

The Cirrus2 has been designed to minimise the residual volume and reduce drug wastage.

At a driving gas flow of 8 L/min, the Mass Median Diameter (MMD) is 3.1 microns.

Alveolar deposition



Micro Cirrus nebuliser

The Micro Cirrus has been specifically designed to create a small particle aerosol with a MMD of 1.2 microns.

At a driving gas flow of 8 L/min 90% of the particles will be less than 2 microns in diameter.

▶ Neonatal Therapy Training Video available at www.intersurgical.com



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Cirrus™2 nebuliser and nebuliser mask kits

Based on the well-established Cirrus nebuliser the Cirrus2 incorporates a number of improved features. These include a graduated drug cup which provides guidance on how much drug is in the nebuliser. The cup now has a quick-release fitting which enables the nebuliser to be attached, as well as detached, with a quarter turn. This speeds up the refilling process and provides a more reliable seal between the cup and the nebuliser body.

 Video available at www.intersurgical.com



Graduated nebuliser cup guide

Faster preparation

Low residual volume

Reduced drug waste



Standard 22F Taper

Fits masks, T-pieces and mouthpieces

Quick-release fitting

Attaches and detaches easily

| Code | Description | Tube length | Box Qty. | |
|---------|--|-------------|----------|--|
| 1402000 | Cirrus2 nebuliser | | 75 | |
| 1453015 | Cirrus2 nebuliser, adult, Intersurgical EcoLite mask kit with tube | 2.1m | 30 | |
| 1453017 | Cirrus2 nebuliser, adult, Intersurgical EcoLite mask kit with non-PVC tube | 2.1m | 30 | |
| 1454015 | Cirrus2 nebuliser, paediatric, Intersurgical EcoLite mask kit with tube | 2.1m | 36 | |
| 1455000 | Cirrus2 nebuliser, mouthpiece kit with tube, single patient use | 2.1m | 35 | |
| 1464000 | Cirrus2 nebuliser, universal mouthpiece T-kit with tube | 1.8m | 40 | |
| 1464004 | Cirrus2 nebuliser universal mouthpiece T-kit, filter and Sure Loc tube | 1.8m | 20 | |
| 1464021 | Cirrus2 nebuliser, mouthpiece kit, filter and tube | 2.1m | 20 | |
| 2605000 | Cirrus2 nebuliser breathing system T-kit, 22mm and tube | 1.8m | 40 | |
| 2606000 | Cirrus2 nebuliser breathing system T-kit, 15mm and tube | 1.8m | 40 | |
| 2608000 | Cirrus2 nebuliser breathing system T-kit, 10mm and tube | 1.8m | 45 | |

 Make an enquiry

Self-sealing T-piece

The Cirrus2 is now available with a self-sealing T-piece, which enables the nebuliser to be attached (or detached) from the ventilator without interfering with patient ventilation or inadvertently activating any alarms.

 Video available at www.intersurgical.com



| Code | Description | Box Qty. |
|---------|--|----------|
| 2609000 | Cirrus2 nebuliser self-sealing T-piece kit, 22mm | 35 |
| 1814000 | Self-sealing in-line T-piece 22M-22F, 22M | 40 |

 Lower environmental impact product

HOT Top™2 nebuliser

The HOT Top2 nebuliser is a new design of open nebuliser incorporating twin entrainment ports for high output flows resulting in reduced treatment times and improved patient compliance.

In addition, the HOT Top2 nebuliser incorporates a number of improved features. These include the graduated nebuliser drug cup which provides guidance on how much drug is left in the nebuliser and a quick-release fitting which enables the nebuliser to be attached and detached with a quarter-turn. This speeds up the refilling process and provides a more reliable seal between the cup and the nebuliser body.

The HOT Top2 nebuliser is designed to deliver drugs for tracheobronchial deposition. At an optimum driving gas flow

of 8 L/min, 78% of the volume output will comprise particles of less than 5 microns in diameter with a Mass Median Diameter (MMD) of 2.8 microns.

At the lower driving gas flow of 6 L/min the performance is equivalent to a conventional closed nebuliser making it suitable for use with compressors, which typically have lower flow outputs¹.

The HOT Top2 mask kits incorporate the Intersurgical EcoLite™ aerosol mask, this non-PVC mask reduces the environmental impact of this product compared with a conventional mask kit by 28%.

 Video available at www.intersurgical.com

Faster treatment times

Improved patient compliance

Graduated nebuliser cup guide

Faster preparation



Standard 22F Taper

Fits masks, T-pieces and mouthpieces

Quick-release fitting

Fast filling

Low residual volume

Reduced drug waste

HOT Top2 nebulisers – Standard base

| Code | Description | Tube length | Box Qty. |
|---------|--|-------------|--|
| 1472015 | HOT Top2 nebuliser | | 65 |
| 1463015 | HOT Top2 nebuliser, adult, Intersurgical EcoLite mask kit with tube | 1.8m | 30  |
| 1468015 | HOT Top2 nebuliser, paediatric, Intersurgical EcoLite mask kit with tube | 1.8m | 36  |
| 1478015 | HOT Top2 nebuliser mouthpiece kit with tube | 1.8m | 45 |

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HOT Top2 nebulisers – Sure Loc™ Base

HOT Top2 nebulisers are available with a Sure Loc base, when used with Intersurgical Sure Loc tube and adaptor this system provides secure connections, preventing accidental tube disconnections from the nebuliser and the flow meter.



| Code | Description | Tube length | Box Qty. |
|---------|--|-------------|--|
| 1471015 | HOT Top2 nebuliser with Sure Loc base | | 65  |
| 1473015 | HOT Top2 nebuliser, adult, Intersurgical EcoLite mask kit with Sure Loc base and tube | 2.1m | 30  |
| 1474015 | HOT Top2 nebuliser, paediatric, Intersurgical EcoLite mask kit with Sure Loc base and tube | 1.8m | 36  |
| 1475015 | HOT Top2 nebuliser mouthpiece kit with Sure Loc base and tube | 1.8m | 45 |

 Lower environmental impact product

Reference: 1. Konceviciute. J. 98881 17.07.12



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Micro Cirrus™ nebuliser and nebuliser kits

The Micro Cirrus nebuliser has been specifically designed to create a small particle aerosol with a Mass Median Diameter (MMD) of 1.2 microns. At a driving gas flow of 8 L/min 90% of the particles will be less than 2 microns in diameter to give alveolar deposition.



illustrated

| Code | Description | Length | Box Qty. |
|---------|--|--------|----------|
| 1503000 | Micro Cirrus nebuliser | | 50 |
| 1417000 | Micro Cirrus nebuliser anti-pollution kit with mouthpiece, filter and tube | 1.8m | 15 |
| 1418000 | Micro Cirrus nebuliser mouthpiece/T-kit and tube | 1.8m | 25 |

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Mouthpieces

Three mouthpieces are available for use with the Cirrus™2, HOT Top™2 and Micro Cirrus™ nebulisers.



| Code | Description | Connectors | Box Qty. |
|---------|-----------------------------|------------------------|----------|
| 1477002 | Nebuliser angled mouthpiece | 22M - mouthpiece | 75 |
| 1477003 | Nebuliser angled mouthpiece | 22M - 22M - mouthpiece | 75 |
| 1510000 | T-mouthpiece | 22M - 22M - mouthpiece | 75 |
| 1931000 | Straight mouthpiece | 22F - mouthpiece | 35 |
| 1930000 | Straight mouthpiece | 22M - mouthpiece | 40 |

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T-pieces

The two T-pieces used in our 22mm and 15mm breathing system kits are available individually to allow either Cirrus™2 or Micro Cirrus to be adapted for use within a breathing system.

Please note: HOT Top™2 is not designed for use within a breathing system.



| Code | Description | Connectors | Box Qty. |
|---------|-------------|-----------------|----------|
| 1800000 | T-piece | 15M-22M-15F | 35 |
| 1986000 | T-piece | 22M/15F-22M-22F | 20 |

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| 0024000 | 138 | 1111570S | 9 | 1142015 | 135 | 1175000 | 141 |
| 0028000 | 138 | 1112080 | 9 | 1143015 | 135 | 1178000 | 141 |
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| 1024085 | 138 | 1120000 | 49 | 1160001 | 132 | 1206000 | 143 |
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| 1060085 | 138 | 1127000 | 49 | 1165013 | 132 | 1341974S | 42 |
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| 1107012 | 139 | 1128111 | 49 | 1166000 | 131 | 1344131 | 88 |
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| 1473015 | 149 | 1526000 | 57 | 1644012 | 33 | 1802000 | 127 |
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| 1500001 | 145 | 1542000 | 43 | 1691011 | 37 | 1874000 | 38 |
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| 1505000 | 140 | 1544012 | 32 | 1691050 | 37 | 1892000 | 24 |
| 1505001 | 140, 145 | 1544197 | 32 | 1691051 | 37 | 1893000 | 24 |
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| 1508001 | 140, 145 | 1560011 | 39 | 1692003 | 37 | 1898000S | 24 |
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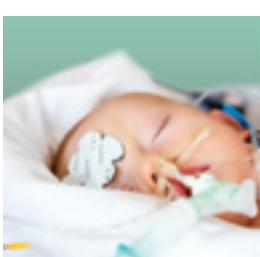
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