Intersurgical Resuscitation and Emergency Care Products

Edition 11

INTERSURGICAL®
COMPLETE RESPIRATORY SYSTEMS

Quality, innovation and choice
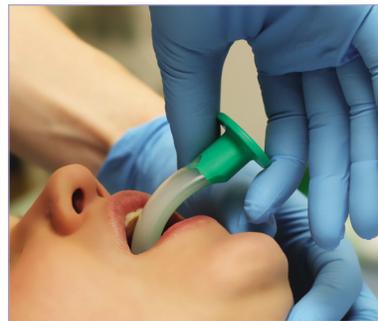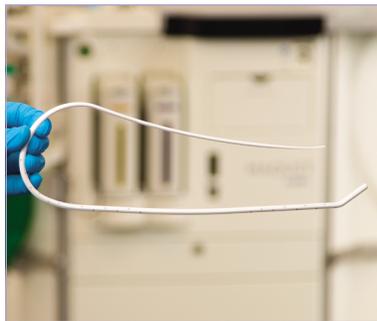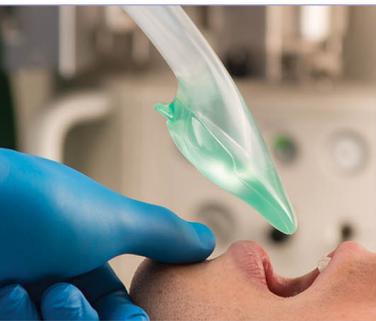
www.intersurgical.com

Introduction

Intersurgical is a leading designer, manufacturer and supplier of a wide range of medical devices for respiratory support.

We provide flexible patient solutions for airway management, anesthesia, critical care, and oxygen & aerosol therapy for use within emergency care, the hospital environment and also in the home.

With over 30 years experience in this area, we understand the changing and challenging clinical environments and needs of our customers and their patients.

We believe the best way to maintain the highest standards in design, manufacture, quality and customer care is to have complete control of these aspects of our business. This integrated in-house philosophy means we are able to respond quickly and effectively to our customers and consistently meet their requirements.

Innovation is an important aspect of our business in all areas, helping us to deliver high quality products and services while allowing us to provide cost-effective solutions to meet today's needs.

Maintaining these high standards is paramount in everything we do: for our employees, clinicians and patients alike. Driven by these core principles and a commitment to care, Intersurgical is a company you can trust.

With high volumes of products manufactured weekly, quality has to be designed into all aspects of our products, from concept through to final manufacture, incorporating automatic testing to ensure product integrity.

Intersurgical is certified to meet the Quality Management System requirement of ISO 13485. Intersurgical is an FDA registered and inspected company with adherence to the Quality System Regulations.

We are also committed to lowering the environmental impact of our products and services and have implemented an Environmental Policy.

Be assured we can provide a solution for your needs.
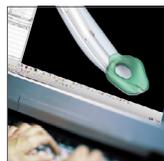
Our company goal:

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

i-gel®O₂ Resus Pack

For use in anesthesia and resuscitation

The i-gel® O₂ Resus Pack puts the things you need at your fingertips. The pack contains an i-gel® O₂ 2nd generation supraglottic airway, with an easily removable protective cradle containing a sachet of lubricant and airway support strap, all packaged in a specially designed clear, sterile and rigid pack. This unique design ensures protection of the contents, both in transit and in storage. The i-gel® O₂ has a color-coded hook ring to allow quick and easy identification of size. The i-gel® O₂ Resus Pack is available in three adult sizes.

Pack contents

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

Color-coded hook ring
To secure the i-gel® O₂ in position with the airway support strap

Code	Description	Weight	Qty.	
🟠 8705030	i-gel® O₂ Resus Pack, large adult – includes a size 5 i-gel® O₂ with orange hook ring, sachet of lubricant and airway support strap	90+kg (200+lbs)	6	Ⓢ
🟢 8704030	i-gel® O₂ Resus Pack, medium adult – includes a size 4 i-gel® O₂ with green hook ring, sachet of lubricant and airway support strap	50–90kg (110–200lbs)	6	Ⓢ
🟡 8703030	i-gel® O₂ Resus Pack, small adult – includes a size 3 i-gel® O₂ with yellow hook ring, sachet of lubricant and airway support strap	30–60kg (65–130lbs)	6	Ⓢ
8800000	Airway Support Strap		40	

Make an inquiry   Find out more   ▶ Watch the video

Ⓢ Sterile

i-gel O₂ Resus Pack

15mm connector
Reliable connection to any standard catheter mount or connection

Proximal end of gastric channel

Color-coded hook ring
To secure the i-gel® O₂ in position with the airway support strap

Clearly displayed product information
For quick easy reference. Includes confirmation of size and weight guidance

Position guide
(adult sizes only)

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

Gastric channel
Enhances patient safety by providing a mechanism for the management of regurgitant fluid

Integral bite block
Reduces the possibility of airway channel occlusion

Buccal cavity stabilizer
Aids insertion and eliminates the potential for rotation

Epiglottic rest
Reduces the possibility of epiglottis 'down folding' and airway obstruction

**Non-inflating cuff**
Eliminates the need for cuff inflation after insertion, allowing easy and rapid insertion

Distal end of gastric channel

The i-gel® O₂ Resus Pack is available in 3 adult sizes and includes:

- i-gel® O₂ supraglottic airway
- Sachet of lubricant – for quick and easy lubrication of the i-gel® O₂ prior to insertion
- Airway support strap – to secure the i-gel® O₂ in position
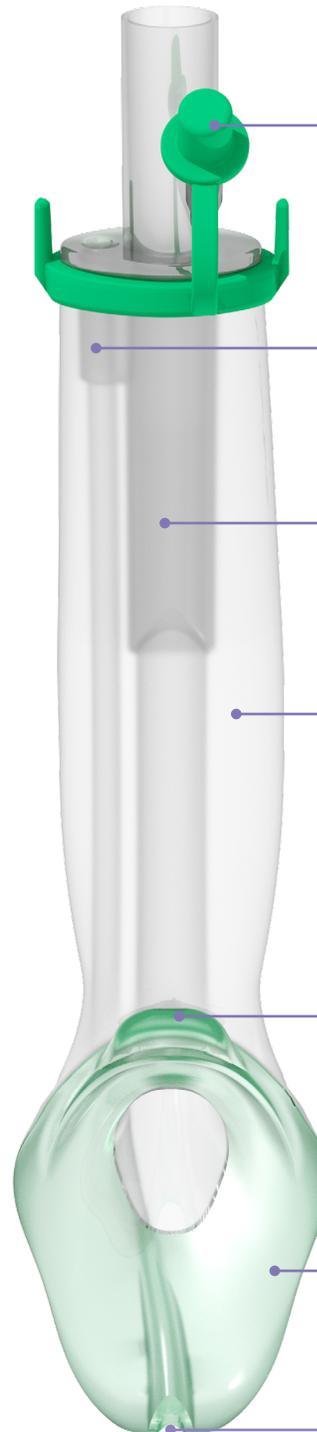
In emergency medicine, you need equipment that's easy, rapid and reliable to use. The i-gel® O_2 Resus Pack contains everything you need to prepare, insert and secure the i-gel® O_2 quickly and efficiently: an i-gel® O_2 supraglottic airway, a sachet of lubricant and an airway support strap.

The i-gel® O_2 incorporates a supplementary oxygen port and an integral hook ring for securing of the airway support strap.

The i-gel® O_2 has been designed to facilitate ventilation as part of standard resuscitation protocols, such as those designated by the European Resuscitation Council (ERC) and the American Heart Association (AHA). However, the i-gel® O_2 incorporates a supplementary oxygen port, so that it can also be used for the delivery of passive oxygenation, or Passive Airway Management (PAM™), as part of an appropriate CardioCerebral Resuscitation (CCR) protocol.

Airway innovation since 2007

i-gel® is the innovative second generation supraglottic airway device from Intersurgical launched in 2007. The first major development since the laryngeal mask airway, the i-gel® changed the face of airway management and is now widely used in anesthesia and resuscitation around the world.

The non-inflating cuff
The i-gel® gets its name from the innovative soft, gel-like material from which it is made. It is the innovative application of this material that has enabled the development of a unique non-inflating cuff. This means there is no need for cuff deflation prior to insertion and no cuff inflation after placement in order to secure a seal, which shortens and simplifies the preparation and insertion procedure.

Insertion
The i-gel® O_2 is incredibly easy to use. Insertion is rapid and can normally be achieved in less than 5 seconds, by a proficient user. The simplicity of i-gel® O_2 means the insertion technique is instinctive, reliable and does not require or benefit from the insertion of fingers or thumbs into the patient's mouth.

Fixation
The i-gel® O_2 Resus Pack includes a specially designed airway support strap for securing the i-gel® O_2 in position. Fixation is easily achieved by sliding the strap under the patient's neck and securing it in place with the hook ring on the collar of the i-gel® O_2. This makes it ideal for use where adhesive tape is unsuitable, such as on patients with facial hair.

Pediatric i-gel® supraglottic airway

i-gel® is a truly unique, single use, latex and PVC free 2nd 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-inflating, anatomical seal of the pharyngeal, laryngeal and perilaryngeal structures while avoiding compression trauma. The pediatric i-gel® is currently available in four sizes and is supplied in an innovative, color-coded polypropylene protective cage pack.

	Code	Description	Size	Weight	Qty.	
○	8225000	i-gel®, large pediatric, supraglottic airway	2.5	25–35kg (55–77lbs)	10	S
●	8202000	i-gel®, small pediatric, supraglottic airway	2	10–25kg (22–55lbs)	10	S
○	8215000	i-gel®, infant, supraglottic airway	1.5	5–12kg (11–25lbs)	10	S
○	8201000	i-gel®, neonate, supraglottic airway	1	2–5kg (5–11lbs)	10	S

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i-gel® O₂ Resus EMS bag

Code	Description	Qty.
87006000	i-gel® O₂ Resus EMS bag (bag contents shown above sold separately)	1

Make an inquiry

S Sterile

One-piece Guedel airways

Safer by design

Our Guedel airway combines two materials with very different physical characteristics into one molding. Our one-piece design eliminates the separate bite block found in all conventional Guedel airways. Loose or detached bite blocks can constitute a real threat to patient safety. Our one-piece design overcomes all of the associated risks, as well as improves safety. The one-piece also incorporates a soft tip, reducing the risk of trauma to the patient.

Rigid body
To maintain a patent airway

One-piece design
With no separate inner bite block – safer by design

Nine color-coded sizes
To meet all patient requirements

Soft tip
Reduces risk of tissue damage

Softer second material
Reduces the potential for dental damage

Clear color-coding
For easy identification
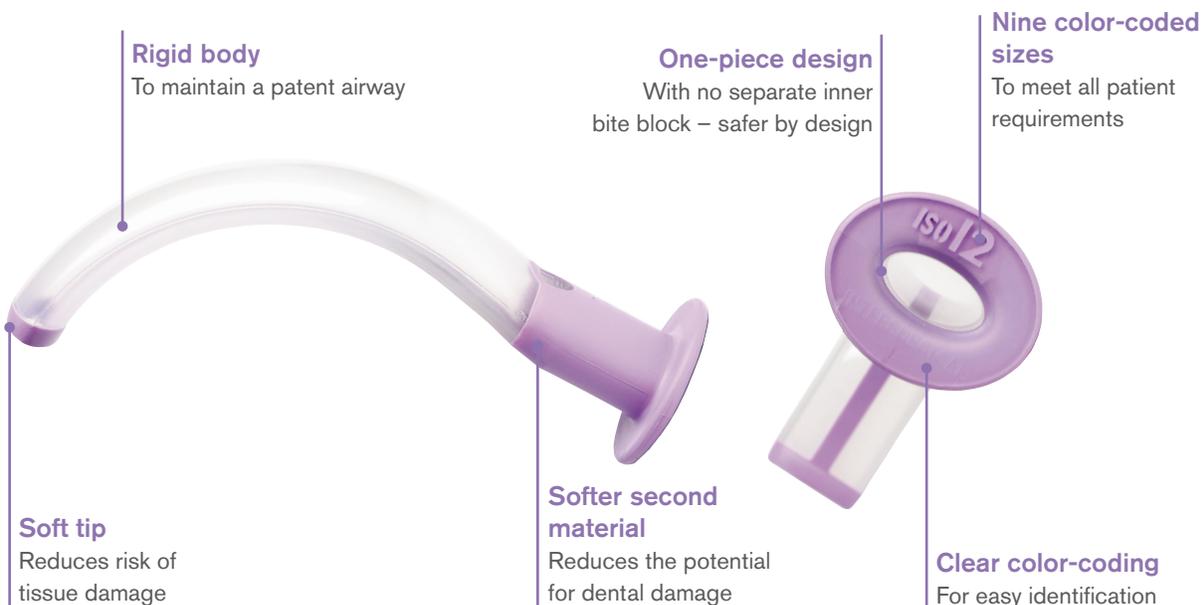
ISO 5364:2016 – Color coding guidance

In the most recent version of the ISO standard for Oropharyngeal Airways, ISO 5364:2016, a new color coding requirement was implemented, aiming to improve patient safety and provide consistency across products from different manufacturers. In order to comply with the color coding system specified in ISO 5364:2016, it was necessary for Intersurgical to update four sizes of Guedels. Details regarding the sizes that have changed can be viewed in the table below.

Code	Description	Size	ISO	Previous Color	NEW ISO Color	Qty.
1115120	One-piece Guedel airway, purple, 120mm	5	12.0	Purple	Purple	70
1114100	One-piece Guedel airway, red, 100mm	4	10.0	Red	Red	90
1113090	One-piece Guedel airway, orange, 90mm	3	9.0	Orange	Yellow	90
1112080	One-piece Guedel airway, green, 80mm	2	8.0	Green	Green	100
1111570	One-piece Guedel airway, yellow, 70mm	1.5	7.0	Yellow	White	100
1111065	One-piece Guedel airway, white, 65mm	1	6.5	White	Brown	80
1110055	One-piece Guedel airway, grey, 55mm	0	5.5	Grey	Grey	100
1100050	One-piece Guedel airway, blue, 50mm	00	5.0	Blue	Blue	100
1000035	One-piece Guedel airway, pink, 35mm	000	3.5	Pink	Light Green	100

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Lower environmental impact product

Introducing the Universal Stylet Bougie (USB™)

USB™

A hybrid stylet and bougie in one simple to use device

The Universal Stylet Bougie, or USB, represents a significant advance in the design and development of tracheal introducers (bougies) and stylets.

Traditionally, the design requirements of stylets and bougies have always been considered incompatible. A stylet requires sufficient rigidity to allow the tracheal tube to be manipulated to and maintained at a variety of angles, whereas a bougie needs to be flexible enough to allow positive tracheal ring feedback while incorporating specific memory characteristics to allow correct placement.

The unique design of the USB incorporates two metal inserts with different and distinct properties in-between a more flexible middle section. The USB can easily be manipulated to a variety of angles when used as a stylet, yet has the flexibility when used as a bougie to provide a significantly enhanced level of tracheal ring feedback.

In addition, the hexagonal shape provides less contact with the inner surface of the tracheal tube, providing particularly easy insertion and removal.

Key features

Low friction hexagonal shape
for optimal insertion and removal

Device information
confirmation of size, diameter and other key product details

OD 5.0MM

Flattened (non-patient) end
allows the user to insert the end of the USB back into the connector of the tracheal tube to retain product position

optiLube™
a sachet of lubricant is included in each pack to facilitate optimal insertion and removal
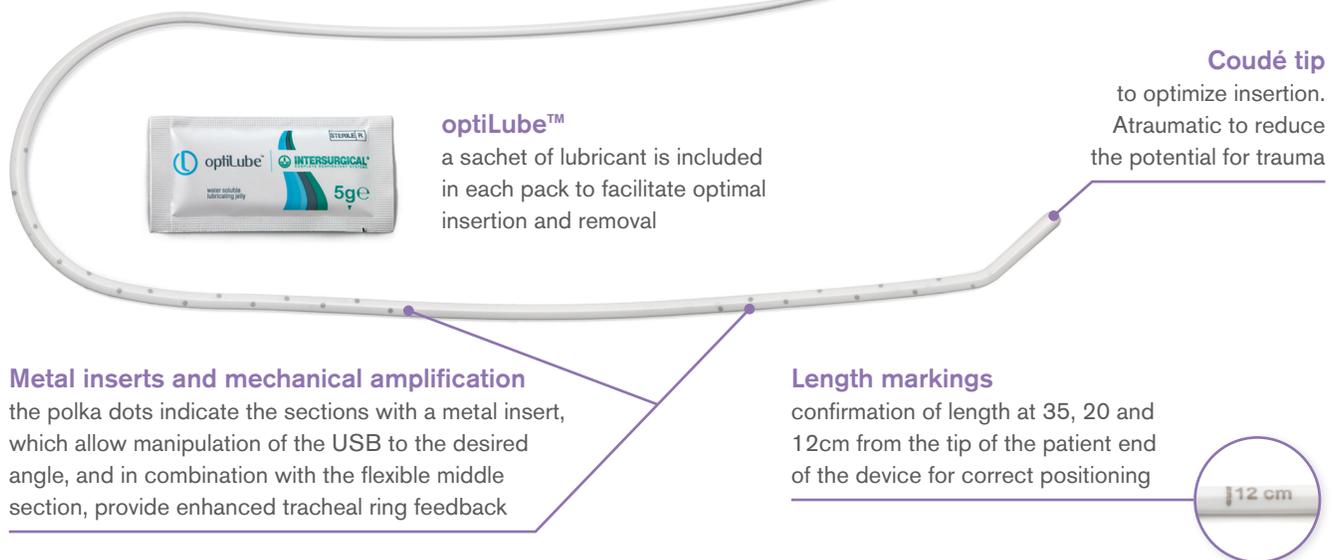
Coudé tip
to optimize insertion. Atraumatic to reduce the potential for trauma

Metal inserts and mechanical amplification
the polka dots indicate the sections with a metal insert, which allow manipulation of the USB to the desired angle, and in combination with the flexible middle section, provide enhanced tracheal ring feedback

Length markings
confirmation of length at 35, 20 and 12cm from the tip of the patient end of the device for correct positioning

12 cm

Key benefits

The USB offers a number of key advantages over traditional bougies and stylets

Hybrid bougie and stylet — the unique design of the USB means the device can be used as a stylet or as a bougie.

Easier insertion and removal — the unique hexagonal shape of the USB provides less contact and interference with the tracheal tube ensuring the device can be easily inserted and removed. The hexagonal shape also provides optimal grip and eliminates the potential for rolling.

Easier storage — the folded design and smaller footprint of the USB makes it easier and more convenient to store than traditional stylets and bougies. It also ensures orientation of the device is always clear.

Improved tracheal ring detection — when there is a restricted laryngeal view, it is not always possible to visually determine whether a bougie has been correctly placed into the trachea. In such circumstances, immediate feedback as to whether placement has been successful can be obtained by determining whether the tracheal rings can be felt as the bougie is moved backwards and forwards. This is the same for the USB, except its unique design, incorporating a flexible section positioned between two inserts with different metallic properties, provides an enhanced level of amplification and tracheal ring detection not usually seen with traditional bougies.

optiLube is a trademark of Optimum Medical.

Using the USB™

Ideal for both pre-hospital and in-hospital use

The USB can be used in the pre-hospital as well as the in-hospital environment. In the pre-hospital setting, the folded design and smaller pack makes it easy to store in emergency vehicles and rescue backpacks or kits without any compromise to the integrity or shape of the device. The hybrid bougie and stylet design also eliminates the need to carry separate devices of each type, while retaining both clinical options.
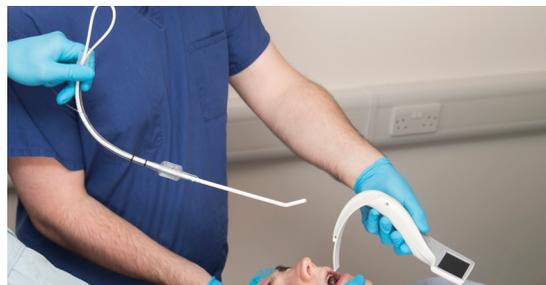

Using the USB as a stylet

- The hexagonal shape provides less contact with the Tracheal Tube and it is therefore easier to remove the USB from the Tracheal Tube once correct placement has been achieved.
- The flexible section between two metal inserts makes the overall device less rigid than many stylets, reducing the potential for trauma.

Using the USB as a stylet

Using the USB as a bougie

- Increases amplification, providing superior tactile ring feedback and detection
- Hexagonal shape and folded design provides continuous confirmation of product orientation
- The proximal end of the USB can be folded into the Tracheal Tube to prevent accidental movement until the point where the Tracheal Tube is to be railroaded over the USB.
- It can be used in a variety of configurations, allowing flexibility in use and the possibility to use the device without the need for an assistant.

Using the USB as a bougie

Adjusting the USB to the desired angle

The USB has two metal inserts which can be bent to create the desired angle. The polka dots indicate where the metal inserts are located.
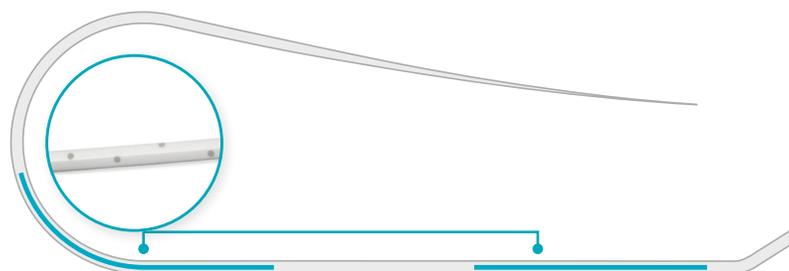
Code	Description	Qty.
8090015	Universal Stylet Bougie with optiLube™	60

Make an inquiry   Find out more   ▶ Watch the video

Introducing the i-view™ video laryngoscope

One size ▪ Single use ▪ Fully disposable

i-view is the new, single use, fully disposable* 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. The technique for insertion is more familiar and instinctive than for devices with a hyper-angulated blade.

i-view is 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.

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

The availability of a video laryngoscope may be limited due to the cost implications of purchasing reusable devices for multiple sites. By combining all the advantages of a fully integrated video laryngoscope in a single use, disposable product, i-view provides a cost effective solution.

i-view is ideal for use in:

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

Intensive care

Pre-hospital/resuscitation

Difficult airway

*The Intersurgical i-view is a single use, fully disposable device. Disposal should be in accordance with normal procedures for clinical waste, including landfill or incineration. Local protocols or regulations should be followed when disposing of i-view.

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i-view is ideal for use in:
- pre-hospital
- emergency medicine
- resuscitation
- anesthesia
- difficult airway
- intensive care

Integral LCD screen
Provides a view in a variety of light conditions

Ergonomic design
Ensures i-view is comfortable and instinctive to use
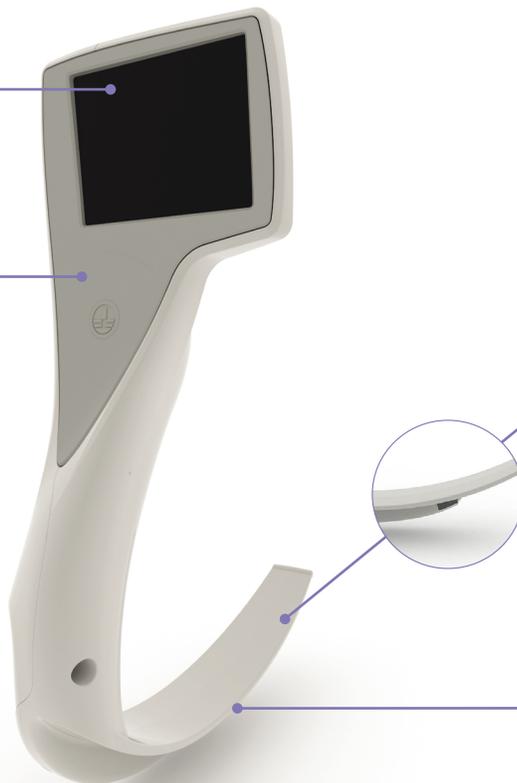
On/Off switch
Makes i-view ready to use seconds after removing from the packaging

Camera and LED light
Creates optimal visualization

Macintosh blade
Allows i-view to be used for direct or video laryngoscopy

Code	Description	Qty.
8008000	i-view video laryngoscope	8

Make an inquiry　　Find out more　　▶ Watch the video

InterGuide tracheal tube introducer bougie

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	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 inquiry

InterForm intubation stylet

InterForm is a malleable endotracheal 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.

Low-friction surface
For easy insertion and removal

Aluminium core
Allows user to easily
form suitable shapes

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

Make an inquiry

Ⓢ Sterile

Why use a breathing filter?

Breathing filters are designed to prevent microbial cross contamination via anesthetic or ventilator breathing systems. Their use is now widely recognized as beneficial and is recommended by a number of Anesthetic Associations[1].
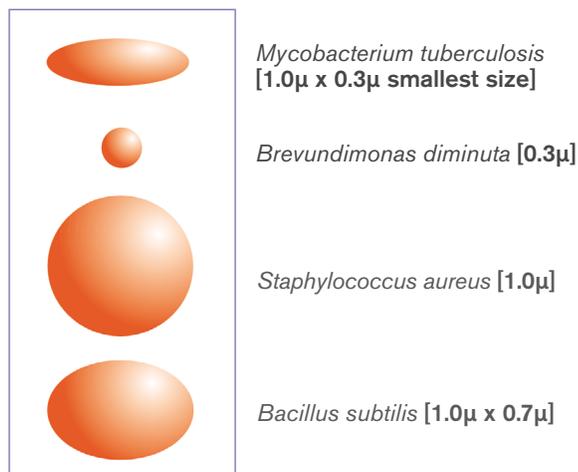
The threat to patients is varied

Patients undergoing anesthesia may be threatened by cross contamination via the equipment or systems used earlier on an unsuspected but infective case. Documented areas of concern regarding infection from breathing systems include *Hepatitis C* and *Mycobacterium tuberculosis*.

Long-term ventilated patients may be at risk from pseudomonal growth in a water bath humidifier. Staff too may be at risk from atmospheric pollutants via ventilator exhausts. The strategic use of an effective breathing filter protects both the patient and equipment bidirectionally. The inclusion of a filter in a breathing system is often beneficial in financial terms since the ventilator is protected against potential cross contaminants generated by the patient.
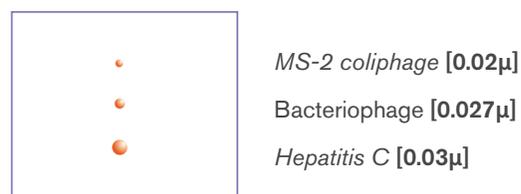
Proven efficiency

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.
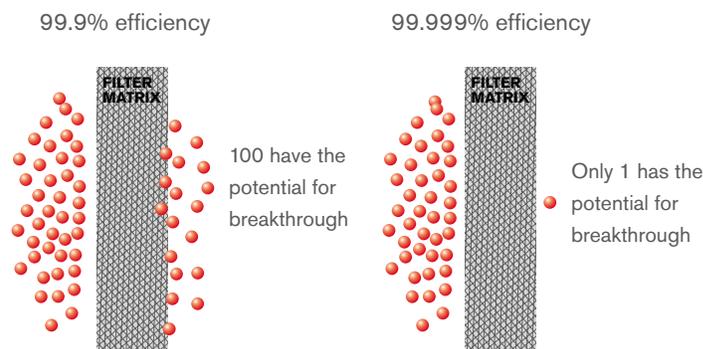
Features of Intersurgical breathing filters

The Intersurgical range of breathing filters offers a choice of pleated and electrostatic filters, providing the most appropriate product for each clinical situation.

- Validated filtration efficiency[2]
- Proven filtration against *Mycobacterium tuberculosis* and *Hepatitis C*
- Proven efficiency not affected by anesthetic agent
- Safe inert material
- Option of patient connections – supplied packaged and ready for use
- Lightweight – reduces patient trauma
- Low volume – reduces rebreathing of CO_2
- Low resistance to flow

The CDC has recommended the use of HEPA filters (99.97% minimum efficiency at 0.3 micron particle size). Intersurgical offers a wide variety of breathing filters ranging from >99.9999% efficiency at 0.027 microns to a standard >99.9% efficient filter.

us.intersurgical.com/**info/filtrationandhumidification**

Potential infectious bacteria [Particle sizes μ microns]

Mycobacterium tuberculosis **[1.0μ x 0.3μ smallest size]**

Brevundimonas diminuta **[0.3μ]**

Staphylococcus aureus **[1.0μ]**

Bacillus subtilis **[1.0μ x 0.7μ]**

Potential infectious viruses [Particle sizes μ microns]

MS-2 coliphage **[0.02μ]**

Bacteriophage **[0.027μ]**

Hepatitis C **[0.03μ]**

Filtration Efficiency based on a challenge of 100,000 Microbes

99.9% efficiency   99.999% efficiency

100 have the potential for breakthrough

Only 1 has the potential for breakthrough

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.

The breathing filter range

The Intersurgical range of breathing filters has been designed for the protection of the patient, breathing system and equipment.

Filta-Guard™

High-efficiency

The high-efficiency Filta-Guard is a dedicated breathing filter designed for use in breathing systems in anesthesia and intensive care, for the protection of the patient, hospital personnel and the equipment from potential microbial contamination. The Flow diffuser improves performance and optimizes resistance to flow.

Make an inquiry

Code	1944000
Qty.	70
Bacterial and viral filtration efficiency	>99.999%
Resistance to flow at 30L/min	1.0cm H_2O
Resistance to flow at 60L/min	2.3cm H_2O
Compressible volume	67ml
Weight	40g
Connectors	22ID – 22OD/15ID
Minimum tidal volume	>200ml

Inter-Guard™ range

Sterile

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

Code	1344007S Ⓢ	1344000S Ⓢ	1344711S Ⓢ
Qty.	50	50	50
Luer lock port		✓	
Bacterial and viral filtration efficiency	>99.998%	>99.998%	>99.998%
Resistance to flow at 30L/min	0.8cm H_2O	0.8cm H_2O	1.1cm H_2O
Resistance to flow at 60L/min	2.0cm H_2O	2.0cm H_2O	2.7cm H_2O
Compressible volume	41ml	42ml	41ml*
Weight	22g	23g	36g
Connectors	22ID/15OD – 22OD/15ID	22ID/15OD – 22OD/15ID	22ID/15OD – 22OD/15ID
Minimum tidal volume	>150ml	>150ml	>150ml
Accessories			Superset™ catheter mount

Make an inquiry

Ⓢ Sterile

*Filter Only

Hydro-Guard™ Mini

Pleated membrane filter

A versatile, low-volume breathing filter with a pleated mechanical membrane for use in anesthesia as an HMEF (moisture return: 23mg H_2O/L at VT 500ml), or in ICU as a filter only.

Code	1745000
Qty.	40
Luer lock port	✓
Filtration efficiency	>99.999%
Resistance to flow at 30L/min	1.3cm H_2O
Resistance to flow at 60L/min	2.9cm H_2O
Compressible volume	63ml
Weight	30g
Connectors	22ID/15OD – 22OD/15ID
Minimum tidal volume	>200ml

Make an inquiry

Clear-Guard™ range

Medium efficiency

The Clear-Guard range of breathing filters includes a number of options. This range has been designed for use in breathing and anesthetic 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 represents our most cost-effective filter option. The Clear-Guard Midi low-volume filter provides a further option with minimum deadspace, it is ideal for use in anesthesia.

Clear-Guard Midi   **Clear-Guard 3**

| Code	1644000 👁	1544000
Qty.	100	150
Luer lock port	✓	✓
Filtration efficiency	>99.9%	>99.99%
Resistance to flow at 30L/min	0.7cm H_2O	0.8cm H_2O
Resistance to flow at 60L/min	1.8cm H_2O	1.9cm H_2O
Compressible volume	34ml	60ml
Weight	19g	28g
Connectors	22ID – 22OD/15ID	22ID/15OD – 22OD/15ID
Minimum tidal volume	>100ml	>200ml

Make an inquiry

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 H_2O per liter. In mechanical ventilation or anesthesia, 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:
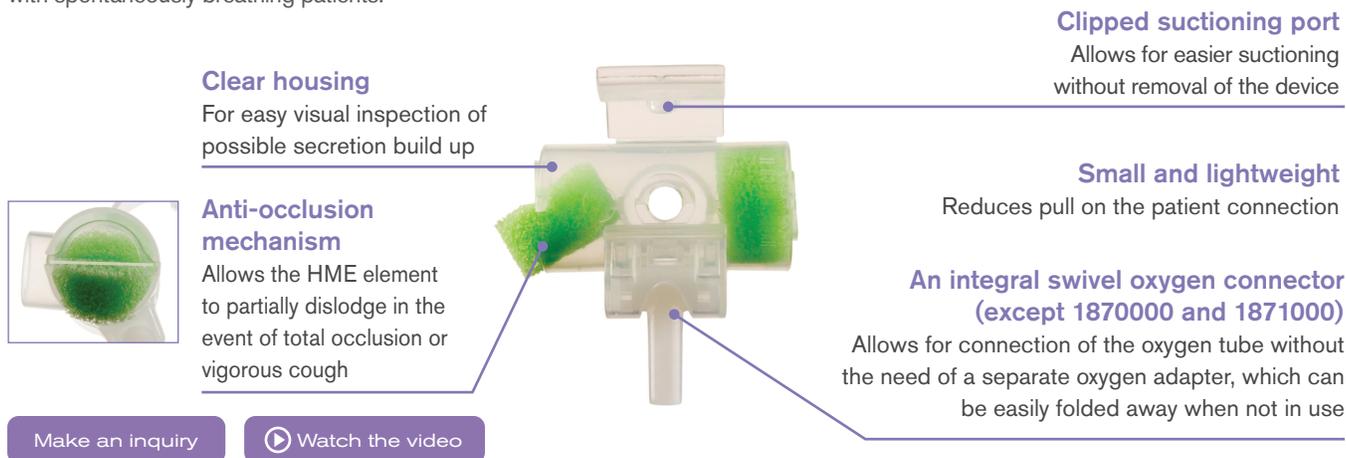
- Localized inflammation of the trachea
- A reduction in ciliary function
- Retention and thickening of secretions
- Lowering of patient temperature
- Reduction in cardiopulmonary function
- Increased risk of tracheostomy tube occlusion
- Extended duration and cost of care

Respiratory epithelium adversely affected by heat & moisture loss

Goblet cell — Intermediate cell — Reduced ciliary function — Columnar cell — Basement cell
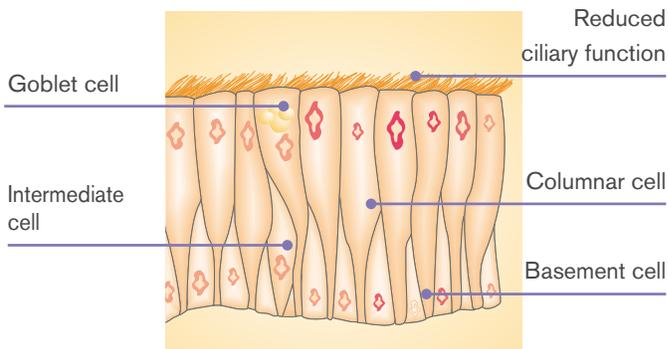
Hydro-Trach™ T range

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

Clipped suctioning port
Allows for easier suctioning without removal of the device

Clear housing
For easy visual inspection of possible secretion build up

Anti-occlusion mechanism
Allows the HME element to partially dislodge in the event of total occlusion or vigorous cough

Small and lightweight
Reduces pull on the patient connection

An integral swivel oxygen connector (except 1870000 and 1871000)
Allows for connection of the oxygen tube without the need of a separate oxygen adapter, which can be easily folded away when not in use

Make an inquiry   ▶ Watch the video

Code	1870000	1871000	1873000	1874000
Qty.	100	40	100	40
Moisture loss	13.2mg H_2O/L	13.2mg H_2O/L	13.2mg	13.2mg
Calculated moisture return	26mg H_2O/L	26mg H_2O/L	26mg H_2O/L	26mg H_2O/L
Resistance at 30L/min	0.3cm H_2O	0.3cm H_2O	0.3cm H_2O	0.3cm H_2O
Resistance at 60L/min	0.6cm H_2O	0.6cm H_2O	0.6cm H_2O	0.6cm H_2O
Compressible volume	17ml	17ml* + O_2 tube	17ml	17ml* + O_2 tube
Weight	8g	8g	8g	8g
Connectors	15ID	15ID	15ID	15ID
Minimum tidal volume	>60ml	>60ml*	>60ml	>60ml*
Accessories		1.8m oxygen tube		1.8m oxygen tube

*HME only

Inter-Therm™ T+

The Inter-Therm T+ is a heat and moisture exchange device designed for use with spontaneously breathing patients to reduce loss of heat and moisture during respiration.

When a patient has a tracheostomy, the normal process of temperature and moisture maintenance is bypassed by the insertion of the tracheal tube. The possible loss of heat and moisture can lead to serious complications, notably damage to cilia and the mucous glands.

This in turn may result in retention of sputum and atelectasis, production of mucous plugs and potential tube occlusion.
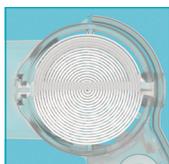
The Inter-Therm T+ has a number of unique features that make it an ideal product for prolonged use with spontaneously breathing patients.

Clipped suction port
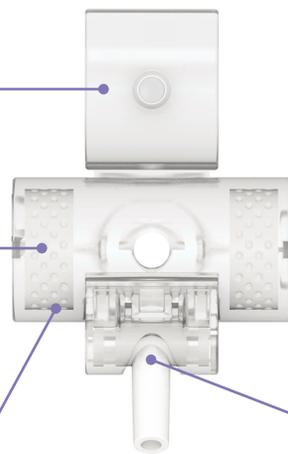Allows easy access for suctioning without removing the device

Clear housing and white HME elements
Optimizes visualization of possible pulmonary secretions

Unique corrugated paper design
Provides perfect combination between humidification output and low resistance to flow

Small and lightweight
Reduces pull and drag on the patient's airway

Optimal humidification
Reduces the side effects associated with breathing cold dry gases over a prolonged period of time

Integrated swivel oxygen connector
Allows for quick and convenient connection of supplemental oxygen and can be folded away when not in use

Code	Description	Length	Qty.
1875000	Inter-Therm T+ HME		100
1875000S	Inter-Therm T+ HME - Sterile		100
1875001	Inter-Therm T+ HME with oxygen tube	1.8m	40
1875001S	Inter-Therm T+ HME with oxygen tube - Sterile	1.8m	20

Make an inquiry

Code	1875000(*S)	1875001(*S)
Moisture loss	13.1mg H_2O/L	13.1mg H_2O/L
Moisture return	26.1mg H_2O/L	26.1mg H_2O/L
Resistance at 30L/min	0.4cm H_2O	0.4cm H_2O
Resistance at 60L/min	1.1cm H_2O	1.1cm H_2O
Compressible volume	19ml	19ml
Weight	9g	9g
Connectors	15ID	15ID
Minimum tidal volume	>60ml	>60ml
Accessories		1.8m oxygen tube

Average FiO_2 at variable O_2 flow rates

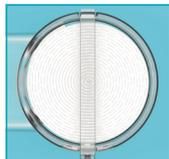| Oxygen (L/min)	FiO_2 at 15 BPM
1	26.4%
2	31.8%
3	35.0%
4	38.2%
5	41.8%
6	44.9%
7	47.4%
8	49.6%

Ⓢ Sterile option available
(*S) Add an S to the seven digit code number for the sterile version of this product eg.1875000S (sterile box quantity is shown in brackets).

Inter-Therm™ T HME

The Inter-Therm T is a heat and moisture exchange (HME) designed for use with spontaneously breathing patients in order to reduce loss of heat and moisture during respiration, ideal for patients and clinicians caring for patients living with a tracheostomy.
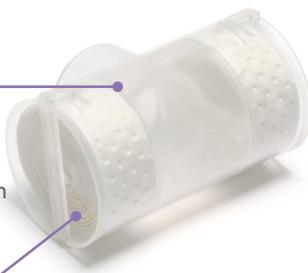
Clear housing and white HME elements
Optimizes visualization of possible pulmonary secretions

Small and lightweight
Reduces pull and drag on the patient's airway

Unique corrugated paper design
Provides a perfect combination between humidification output and low resistance to flow

Optimal humidification
Reduces the side effects associated with breathing cold dry gases over a prolonged period of time

Code	Description	Qty.
1875020	Inter-Therm T HME	100
1875020S	Inter-Therm T HME - Sterile	100

Average FiO$_2$ at variable O$_2$ flow rates

Code	1875020 (S*)
Moisture loss	11.9mg H$_2$O/L
Moisture return	27.1mg H$_2$O/L
Resistance at 30L/min	0.3cm H$_2$O
Resistance at 60L/min	0.8cm H$_2$O
Compressible volume	16ml
Weight	5g
Connectors	15ID
Minimum tidal volume	>60ml

Oxygen (L/min)	FiO$_2$ at 15 BPM
1	26.4%
2	31.8%
3	35.0%
4	38.2%
5	41.8%
6	44.9%
7	47.4%
8	49.6%

Make an inquiry

(*S) Add an S to the seven digit code number for the sterile version of this product eg. 1875020S

Hydro-Therm™ Micro HME

In normal respiration the anatomy of the upper airway helps to warm and humidify the inspired air, and to retain the warmth and moisture contained in the expired air. During inspiration, even cold or dry gas is typically heated to 37°C and when fully saturated contains 44mg H_2O per liter. In mechanical ventilation or anesthesia, the patient's upper airway may be bypassed by the introduction of an artificial airway. As a result, the patient's lungs may be confronted with cold dry inspired gas. The side effects of this are well documented and include damaged cilia, thicker mucous, increased risk of tube occlusion and infection.

The Hydro-Therm Micro is a small volume, lightweight HME designed to replicate the functions of the body's upper airway by conserving expired heat and moisture and returning to the patient during inhalation.

The Hydro-Therm Micro is suitable for use on neonates and infants with a tracheostomy or for short term procedures and during transport.

Small and lightweight
Reduces the risk of inadvertent pull and drag on the patient's airway

Moisture return
Tested in accordance with ISO 9360, delivers a moisture return of 29.5mg H_2O/L

Low compressible volume
Reduces deadspace and potential rebreathing of expired Carbon Dioxide

Safety by design
Safely secures the position of the media throughout use

Low resistance to flow
Minimizes the work of breathing

Suitable for use on neonatal and infant patients
With a tracheostomy, during transport or short procedures

Larger surface area of HME media
The open celled foam HME maximizes moisture return with a low compressible volume

Safe and secure connections
Tapered connections, compliant with ISO 5356

Code	Description	Qty.
1442000	Hydro-Therm Micro HME	120

Code	1442000
Moisture loss	9.2mg H_2O/L
Calculated moisture return	29.5mg H_2O/L
Resistance at 5L/min	0.3cm H_2O
Resistance at 10L/min	0.8cm H_2O
Compressible Volume	2.2ml
Minimum tidal volume	>10ml
Weight	2.8g
Connectors	15ID/15OD

Make an inquiry

The Heat and Moisture Exchanging Filters (HMEFs)

Our 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™

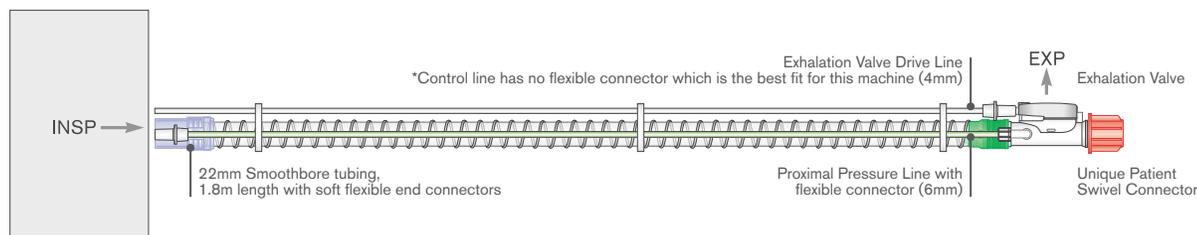| Code	1941000	1942000
Qty.	70	70
Luer lock port	✓	
Moisture loss	9.3mg H_2O/L	9.3mg H_2O/L
Calculated moisture return	29.5mg H_2O/L	29.5mg H_2O/L
Filtration efficiency	>99.999%	>99.999%
Resistance at 30L/min	1.0cm H_2O	1.1cm H_2O
Resistance at 60L/min	2.4cm H_2O	2.5cm H_2O
Compressible volume	65ml	66ml
Weight	43g	42g
Connectors	22ID – 22OD/15ID	22ID – 22OD/15ID
Minimum tidal volume	>200ml	>200ml

Make an inquiry

Smoothbore tubing

Our Smoothbore tubing incorporates flexible connectors at the machine end. This feature helps to eliminate the possibility of any leaks or disconnections. The smoothbore tube option gives improved ventilatory support with the following benefits and advantages:

- Improved flow characteristics
- Minimal water collection within the system and improved drainage

- Clear crush-resistant tube
- Soft flexible end connectors to accommodate non-standard fittings
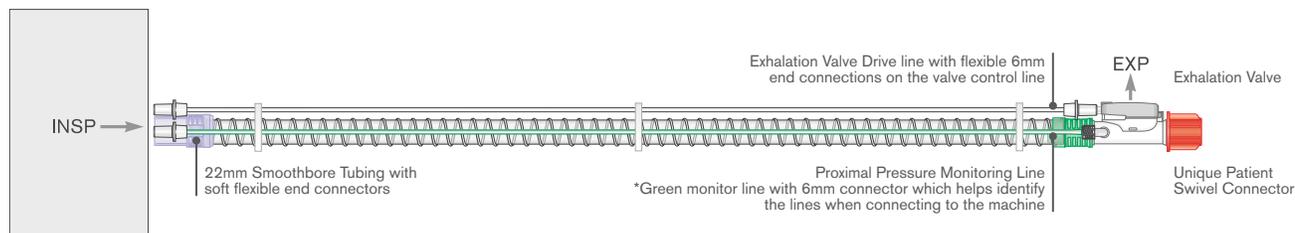
Intersurgical® 5191000

For Respironics® Trilogy™ 100 and Puritan Bennett™ 560 Portable Ventilators

INSP →

Exhalation Valve Drive Line
*Control line has no flexible connector which is the best fit for this machine (4mm)

EXP

Exhalation Valve

22mm Smoothbore tubing,
1.8m length with soft flexible end connectors

Proximal Pressure Line with
flexible connector (6mm)

Unique Patient
Swivel Connector

Code	Description	Qty.
5191000	22mm Smoothbore breathing system with monitoring line and exhalation valve, single limb, ≥1.8m	25

Intersurgical® 5183000

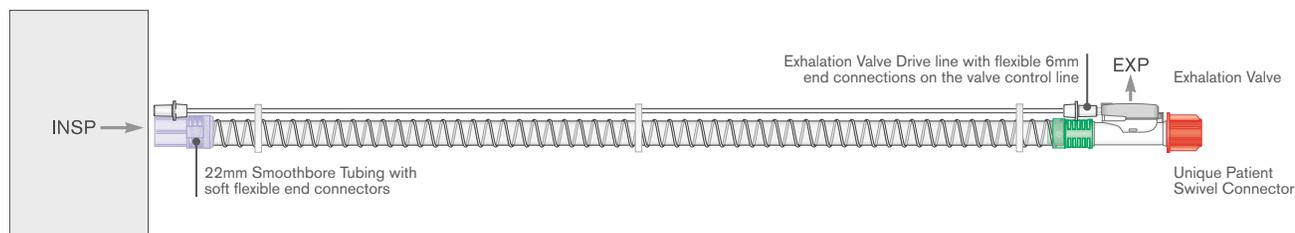Universal Circuit for Home Care Ventilators

INSP →

Exhalation Valve Drive line with flexible 6mm
end connections on the valve control line

EXP

Exhalation Valve

22mm Smoothbore Tubing with
soft flexible end connectors

Proximal Pressure Monitoring Line
*Green monitor line with 6mm connector which helps identify
the lines when connecting to the machine

Unique Patient
Swivel Connector

Code	Description	Qty.
5183000	22mm Smoothbore breathing system with monitoring line and exhalation valve, ≥1.6m	20

Intersurgical® 5182000

Universal Circuit for Home Care Ventilators that do not require a Proximal Pressure Monitoring Line

INSP →

Exhalation Valve Drive line with flexible 6mm
end connections on the valve control line

EXP

Exhalation Valve

22mm Smoothbore Tubing with
soft flexible end connectors

Unique Patient
Swivel Connector

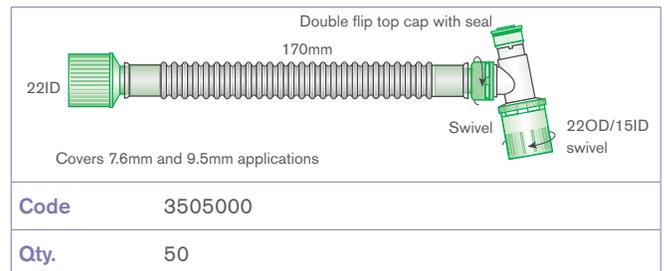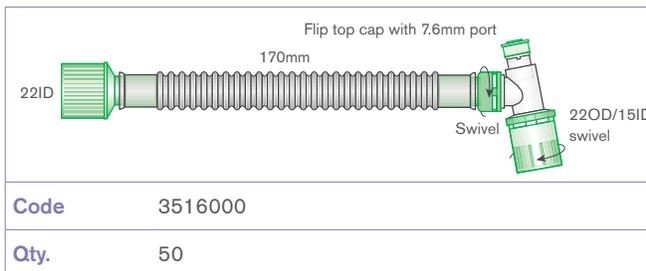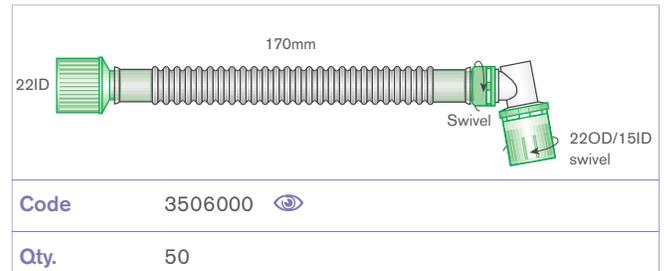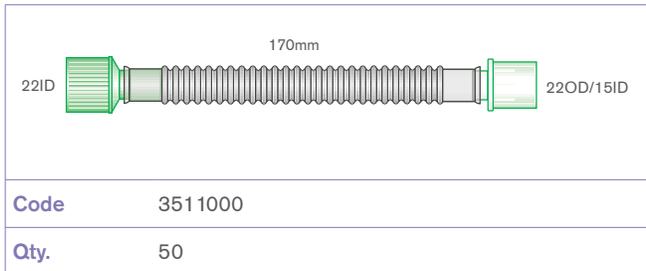| Code	Description	Qty.
5182000	22mm Smoothbore breathing system with exhalation valve, ≥1.6m	10

Make an inquiry

Flexible catheter mounts

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

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

Illustrated 👁

Code	3511000
Qty.	50

Code	3506000 👁
Qty.	50

Code	3516000
Qty.	50

Code	3505000
Qty.	50

Code	3532000
Qty.	100
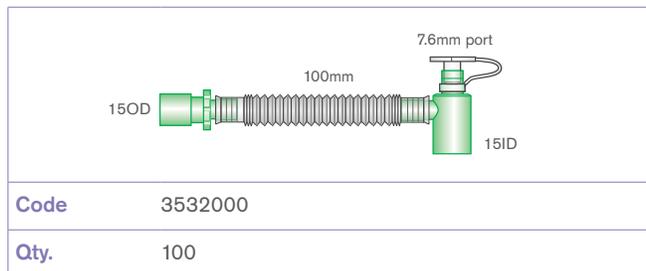
Make an inquiry

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.

Illustrated 👁

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

22ID — 70-150mm — 22OD/15ID	22ID — 70-150mm — 22OD/15ID
Code 3504000 (S*)	**Code** 3502000
Qty. 75 (75*)	**Qty.** 75

22ID — 70-150mm — Luer lock port — 22OD/15ID	22ID — 70-150mm — Swivel — 22OD/15ID
Code 3514000	**Code** 3512000 👁
Qty. 75	**Qty.** 75

Flip top cap with 7.6mm port — 22ID — 70-150mm — Swivel — 22OD/15ID	Double flip top cap with seal — 22ID — 70-150mm — Swivel — 22OD/15ID — Covers 7.6mm and 9.5mm applications
Code 3520000	**Code** 3521000
Qty. 75	**Qty.** 75

22ID — 15ID
Code 91236000
Qty. 50

Make an inquiry

Ⓢ Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 3504000S (sterile box quantity is shown in brackets).

ClearLite™ anesthetic masks

A range of anesthetic masks which includes seven sizes to meet the clinical needs of most patient types and sizes. The range is available in sizes 0 neonatal to size 6 extra large adult. Due to the enhanced anatomical design, the ClearLite mask offers superior seal performance with minimal 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 anesthetic and emergency situation.

ClearLite is non PVC and phthalate free which significantly minimizes 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. Minimal pressure is 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 CO_2

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
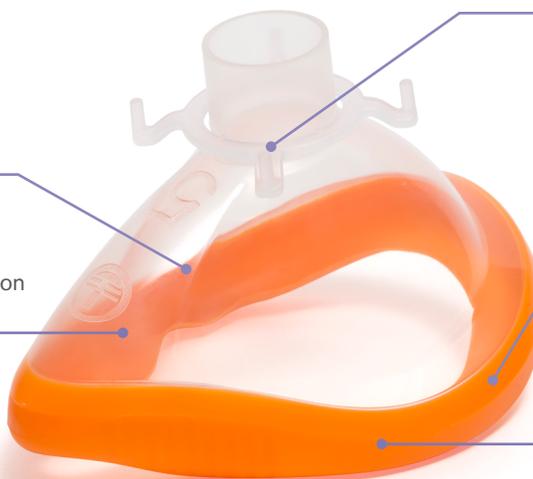
Flexible non-inflatable cuff
Provides a comfortable and effective airtight seal

Color-coding
The comfortable, flexible seal is color-coded to allow quick and easy identification of the correct sized mask

Low environmental impact
Non PVC and phthalate free

Code	Description	Qty.	
🔴 7296000	ClearLite, anesthetic mask, size 6, extra large adult, red seal, 22ID	20	
🟠 7295000	ClearLite, anesthetic mask, size 5, large adult, orange seal, 22ID	35	
🟢 7294000	ClearLite, anesthetic mask, size 4, adult, green seal, 22ID	35	
🟡 7293000	ClearLite, anesthetic mask, size 3, small adult, yellow seal, 22ID	35	
⚪ 7292000	ClearLite, anesthetic mask, size 2, pediatric, white seal, 22ID	25	
⚫ 7291000	ClearLite, anesthetic mask, size 1, infant, grey seal, no hook ring, 15OD	30	
🔵 7290000	ClearLite, anesthetic mask, size 0, neonate, blue seal, no hook ring, 15OD	40	

Make an inquiry   Find out more   ▶ Watch the video

Lower environmental impact product

Economy anesthetic face masks

With color-coded hook rings

A range of four economy PVC anesthetic face masks with a soft cushion, clear housing and color-coded hook ring. Available in four sizes from small to extra large adult.

Color-coded hook ring
For ease of identification, and integration with other Intersurgical airway products

Clear flexible housing and cushion
Provides great patient visibility

Soft cushion
For patient comfort and an air tight fit

Four sizes available
From small to extra large adult

	Code	Description	Qty.
🔴	1517000	Economy, anesthetic face mask, size 6, extra large adult	25
🟠	1516000	Economy, anesthetic face mask, size 5, large adult	30
🟢	1515000	Economy, anesthetic face mask, size 4, medium adult	40
🟡	1514000	Economy, anesthetic face mask, size 3, small adult	50

Make an inquiry

Reduce the pressure

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

Intersurgical EcoLite™ oxygen masks

Intersurgical EarGuards™ adult nasal cannula

Intersurgical EcoLite oxygen masks featuring:
- Under ear elastic position eliminates trauma to top of ears
- Soft face seal
- Light weight

Nasal cannula with Intersurgical EarGuards featuring:
- Soft silicone foam cushions
- Easily adjustable
- Securely fitted
- Non-allergenic

For a sample and further information visit us.intersurgical.com/info/reducethepressure

Find out more

Nasal cannulas

Conventional nasal cannulas

A range of products for adult, pediatric and neonates are available with a wide selection of prong shapes to suit most 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 Intersurgical EarGuard™ option includes soft silicone foam cushions, which are easily adjusted and securely fitted to prevent trauma to the patient's ears.
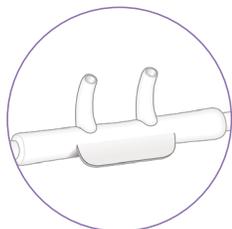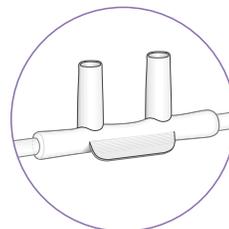
Curved prongs:
Improved anatomical shape and fit
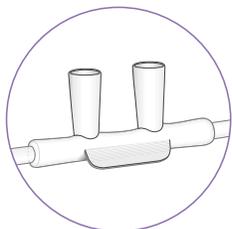
Flared prongs:
Slow down the flow of oxygen
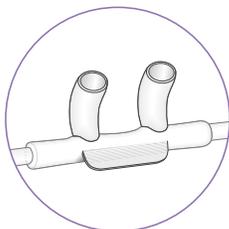
Curved and Flared prongs:
Combines the benefits of both

Straight prongs

Curved prongs with Intersurgical EarGuards™:
Improved anatomical fit and patient comfort

Code	Description	Tube Length	Qty.
1161000	Adult, nasal cannula with straight prongs and tube	1.8m	50
1163000	Pediatric, nasal cannula with curved prongs and tube	2.1m	50
1164030	Neonatal, nasal cannula with curved prongs and tube	2.1m	50
1165002	Intersurgical EarGuard™, adult, nasal cannula with curved prongs and tube	2.1m	50
1165000	Adult, nasal cannula with curved prongs and tube	1.8m	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

Make an inquiry   ▶ Watch the video

Phthalate-free nasal cannulas

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

View facts about phthalates & DEHP   Make an inquiry   Find out more

Code	Description	Tube Length	Qty.	
1160030	Premature, nasal cannula with curved prongs and tube	2.1m	50	🛡
1160001	Neonatal, nasal cannula with curved prongs and tube	2.1m	50	🛡
1160002	Infant, nasal cannula with curved prongs and tube	2.1m	50	🛡

🛡 Phthalate free pediatric, infant and neonatal options

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. The second softer thermoplastic elastomer (TPE) material is utilized in the seal which is in contact with the patient's 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 utilization of alternative materials has resulted in the elimination of PVC from the Intersurgical EcoLite mask, reducing the environmental impact.

👁 illustrated

More about our Intersurgical EcoLite™ range

eco

Make an inquiry   Find out more

Incurved 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 minimize the amount of rebreathed carbon dioxide

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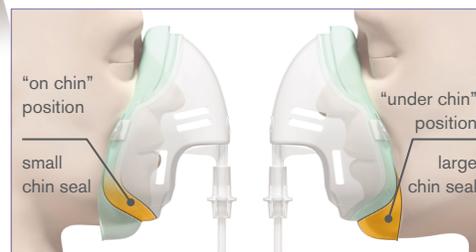50% lighter than a PVC mask, more comfortable for the patient

O₂

A choice of "under chin" or "on chin" positions
Provides a better fit on a wider range of patient face shapes

Soft face seals
Increases patient comfort

Elastic can be positioned under or over the ears
Below ear position eliminates trauma to top of ears

"on chin" position

small chin seal

"under chin" position

large chin seal

Code	Description	Tube length	Qty.
1136015	Intersurgical EcoLite, adult, medium concentration oxygen mask		55
👁 1135015	Intersurgical EcoLite, adult, medium concentration oxygen mask with tube	2.1m	40
11366100	Intersurgical EcoLite, adult, medium concentration oxygen mask with Universal Connector tube	1.8m	30

Lower environmental impact product

Pediatric medium concentration oxygen mask

The Intersurgical EcoLite™ pediatric medium concentration oxygen mask is extremely lightweight, and comfortable. Every aspect of the design has been addressed, improving levels of comfort and fit. Not only comfortable for the patient but also comfortable for the environment. The elimination of PVC from the Intersurgical EcoLite masks has dramatically lowered their environmental impact.

Make an inquiry

👁 illustrated

	Code	Description	Tube length	Qty.
	1190015	Intersurgical EcoLite, pediatric, medium concentration oxygen mask		42
	11906100	Intersurgical EcoLite, pediatric, medium concentration oxygen mask with Universal Connector tube	1.8m	40
👁	1196015	Intersurgical EcoLite, pediatric, medium concentration oxygen mask with tube	2.1m	40

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 aerosolized infectious pathogens and who also require supplementary oxygen.

Make an inquiry

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

High concentration mask

The Intersurgical EcoLite adult high concentration mask can provide oxygen concentrations greater than 80%, at flows of 10–15 L/min (these values are approximate and depend on the patient's breathing pattern).

Make an inquiry   ▶ Watch the video

Code	Description	Tube length	Qty.
1181015	Intersurgical EcoLite, adult, high concentration oxygen mask with tube	2.1m	24

Lower environmental impact product

Oridion and Microstream are registered trademarks of Oridion Medical 1987 Ltd.

Sentri™ Intersurgical EcoLite™ ETCO₂ mask

The Sentri ETCO$_2$ mask is a conventional medium concentration oxygen mask with the addition of a sampling port. This permits sampling of exhaled carbon dioxide from both the mouth and nose in non-intubated patients during the administration of supplementary oxygen.

Capnography is vital during sedation

The increased use of conscious sedation has created a need for a device to monitor respiratory depression. The difference between conscious sedation and general anesthesia is sometimes very small. It is possible during conscious sedation that intravenous sedatives and narcotics administered to allay apprehension can result in the loss of consciousness and respiratory obstruction. The Sentri mask is simple to use: attach one end of the ETCO$_2$ monitoring line to a 'sidestream' capnometer and the other to the female luer lock port on the mask.

👁 illustrated

CO_2 monitoring line for Microstream® (Oridion®) capnography with filter, 2.1m

Code	Description	Tube length	Qty.	
1141015	Sentri, Intersurgical EcoLite, adult, mask with tube	2.1m	30	♻
11416500	Sentri, Intersurgical EcoLite, adult, mask with CO_2 monitoring line for Microstream® (Oridion®) capnography with filter and tube	2.1m	25	♻
1142015	Sentri, Intersurgical EcoLite, adult, mask with CO_2 monitoring line and tube	2.1m	30	♻
11426100	Sentri, Intersurgical EcoLite, adult, mask with CO_2 monitoring line with Universal Connector tube	1.8m	30	♻
1143015	Sentri, Intersurgical EcoLite, adult, mask with CO_2 monitoring line, filter and tube	2.1m	30	♻
11436100	Sentri, Intersurgical EcoLite, adult, mask with CO_2 monitoring line, filter and Universal Connector tube	2.1m	30	♻
93716000	CO_2 Sampling Line for Microstream (Oridion®) capnography w/filter and tube	2.1m	25	

[Make an inquiry]   [Find out more]

Intersurgical EcoLite™ Aerosol face masks

A comprehensive range of Intersurgical EcoLite masks that are made from non-PVC material for use with all Intersurgical nebulizers. Available in adult and pediatric sizes.

👁 illustrated

Code	Description	Connectors	Qty.	
1188015	Intersurgical EcoLite, adult, aerosol mask	22ID	50	♻
1198015	Intersurgical EcoLite, pediatric, aerosol mask	22ID	42	♻

[Make an inquiry]

♻ Lower environmental impact product

MultiOx™ venturi mask kits

The MultiOx adjustable venturi valve offers seven oxygen concentrations. A large body diameter provides space for clear, widely-spaced calibration and incorporates a 'pull-twist' action preventing accidental adjustment. The one-piece design eliminates the need to use more than one valve for all concentrations and contains no separate pieces that may get lost or mislaid.

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

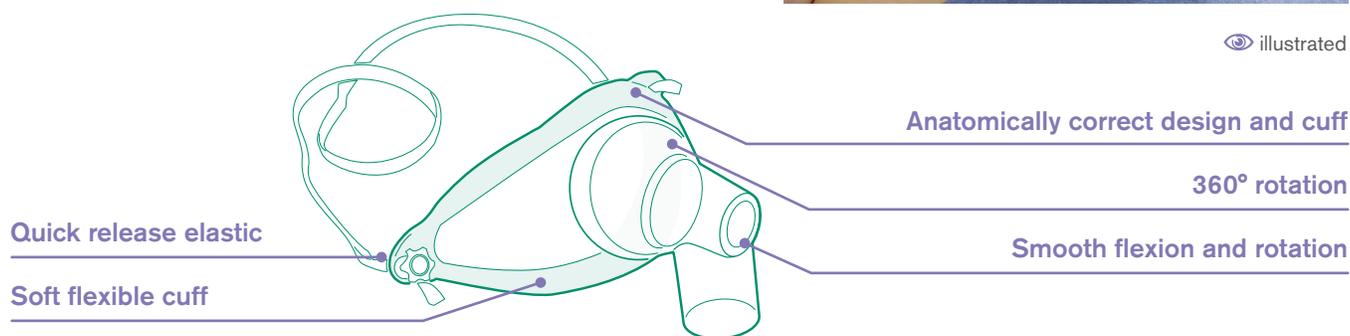|	Code	Description	Tube length	Qty.
👁	1117015	MultiOx, Intersurgical EcoLite™, adult, adjustable venturi mask kit with tube	1.8m	80
	1118005	MultiOx, Intersurgical EcoLite, pediatric, adjustable venturi mask kit with tube	1.8m	40

Make an inquiry

Tracheostomy masks and T-pieces

The Intersurgical EcoLite tracheostomy mask is 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.

👁 illustrated

Anatomically correct design and cuff

360° rotation

Smooth flexion and rotation

Quick release elastic

Soft flexible cuff

	Code	Description	Connectors	Qty.
👁	1200050	Intersurgical EcoLite, adult, tracheostomy mask	22OD	30
	1980000	Tracheostomy T-piece	22OD - 22OD - 22OD/15ID	100
	1984000	Tracheostomy T-piece with 7.6mm port	22OD - 22OD - 22OD/15ID	100

Make an inquiry

Lower environmental impact product

Micro Cirrus™ nebulizer and nebulizer kits

The Micro Cirrus nebulizer has been
specifically designed to create a small
particle aerosol for alveolar deposition.

👁 illustrated

Code	Description	Tube length	Qty.
15036000	Micro Cirrus nebulizer		50
👁 14176000	Micro Cirrus nebulizer anti-pollution kit with mouthpiece, filter and oxygen tube	2.1m	20
14186000	Micro Cirrus nebulizer mouthpiece/T-kit		50

Make an inquiry

Cirrus™2 nebulizer and nebulizer mask kits

The Cirrus2 nebulizer is designed to deliver medication
for tracheobronchial deposition.

Code	Description	Tube length	Qty.	
1402004	Cirrus2 nebulizer, single patient use		50	
👁 1453013	Cirrus2 nebulizer, adult, Intersurgical EcoLite™ mask kit with tube, single patient use	2.1m	30	🌿
1454013	Cirrus2 nebulizer, pediatric, Intersurgical EcoLite™ mask kit with tube, single patient use	2.1m	36	🌿
1455000	Cirrus2 nebulizer, mouthpiece kit with tube, single patient use	2.1m	35	

Make an inquiry

Mouthpieces

Four mouthpieces are available
for use with the Cirrus and
Micro Cirrus nebulizers.

1477003	1930030	1931000	1938000

Code	Description	Connectors	Qty.
1477003	Nebulizer angled mouthpiece	22OD –22OD – mouthpiece	75
1930030	Straight mouthpiece	22OD – mouthpiece	200
1931000	Straight mouthpiece	22ID – mouthpiece	140
1938000	Angled mouthpiece with notch	22OD/15ID	60

Make an inquiry

Intersurgical Connectors and Accessories

15mm Straight Connectors

15 OD 15 OD **Code: 1945000**	15 OD 15 ID **Code: 1946000**
7.6mm Port 15 OD 15 ID **Code: 1947000**	6mm Swivel Stem 15 OD 15 ID **Code: 1948030**
15 ID 15 ID **Code: 1949000**	15 OD 22 OD **Code: 1943000**

|		
15 OD 22 ID **Code: 1962000**	15 ID 22 ID **Code: 1979000**	Luer Port and Cap 15 OD 15 ID **Code: 2712000**

Elastomeric Connectors

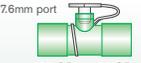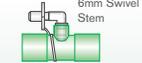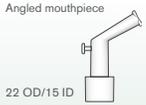|	
For 6-9mm Spigot 15 ID **Code: 1702000**	For 9-11mm Spigot 15 ID **Code: 1703000**
For 22mm lipped or non ISO connectors 22 ID **Code: 1704000**	For 22mm lipped or non ISO connectors 22 ID **Code: 17066000**
For 22mm lipped or non ISO connectors 22 ID **Code: 1705000**	For 22mm lipped or non ISO connectors 22 ID 15 ID **Code: 1701000**

MDI Connectors

MDI Insert 22 OD 22 OD **Code: 1966001**	MDI Insert 22 OD 22 OD **Code: 1964001**
MDI Insert 15 OD 15 ID **Code: 1947003**	MDI Insert 15 OD 15 ID **Code: 1947001**

Ports and Caps Guide

Luer ports
For secure attachment of gas sampling and proximal pressure lines with luer lock fittings
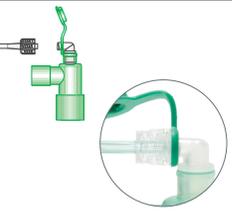
7.6mm port and flip-top cap
For insertion of all standard 7.6mm probes or for suctioning

Double flip-top cap with seal
Bronchoscopy and suction ports in one patient connection

First tab open – bronchoscope mode with seal
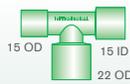
Second full cap open – suction mode

22mm Straight Connectors

22 OD 22 OD **Code: 19606000**	22 OD 22 ID **Code: 1961000**
7.6mm port 22 OD 22 OD **Code: 1966000**	6mm Swivel Stem 22 OD 22 OD **Code: 1965000**
7.6mm port 22 OD 22 ID **Code: 1964000**	22 OD 22 OD/15 ID **Code: 1969000**
22 ID 22 ID **Code: 1967000**	Mouthpiece 22 OD **Code: 1930030**
Mouthpiece 22 OD 22 OD **Code: 1477003**	22 OD /15 ID 22 OD /15 ID **Code: 1933000**
Mouthpiece 22 ID **Code: 1931000**	Angled mouthpiece 22 OD/15 ID **Code: 1938000**
Angled mouthpiece 15 OD **Code: 1937000**	

Swivel Elbows

Flip top cap with 7.6mm port 15 OD Swivel 22 OD/15 ID Swivel **Code: 1899000**	15 OD Swivel 22 OD/15 ID Swivel **Code: 1897000**
Double 'Flip top cap with seal 15 OD Swivel 22 OD/15 ID Swivel **Code: 1898000**	

T-Pieces
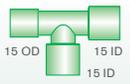
15 OD 15 ID 15 ID **Code: 1802000**	15 OD 15 ID 22 OD **Code: 1800000**
15 OD 22 OD 15 OD **Code: 1988000**	15 OD 22 OD 22 ID **Code: 1989000**
22 OD 22 OD 15 ID **Code: 1959000**	22 OD/ 15 ID 22 ID 22 ID **Code: 1983000**
22 OD 22 OD 22 ID **Code: 1981000**	22 OD 22 ID 22 OD/15 ID **Code: 1985000**
22 OD 22 ID 22 OD **Code: 1982000**	22 OD/ 15 ID 22 ID 22 OD **Code: 1986000**

Oxygen Connectors & Adaptors

22 OD 6mm Oxygen Stem **Code: 1968000**	6mm Oxygen Stem 22 ID **Code: 1568000**
6.5mm Oxygen Stem 15 ID/22 OD **Code: 1974000**	6mm swivel system 22 OD 22 ID **Code: 1963000**
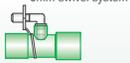
Tracheostomy T-Pieces

7.6mm Port 22 OD 22 OD 22 OD/15 ID **Code: 1984000**	22 OD 22 OD 22 OD/15 ID **Code: 1980000**

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Fixed Elbows

15 OD / 22 OD/15 ID
Code: 1997000

Flip top cap with 7.6mm port / 15 OD / 22 OD/15 ID
Code: 1993000

7.6mm Port / 22 OD / 22 OD/15 ID
Code: 1995000

6mm Stem / 22 OD / 22 OD/15 ID
Code: 1990000

7.6mm Port / 22 ID / 22 OD/15 ID
Code: 1893000

22 ID / 22 OD
Code: 1992000

6mm Stem / 22 ID / 22 OD
Code: 1991000

7.6mm Port / 22 ID / 22 ID
Code: 1891000

Flexible Tube Catheter Mounts

22 ID / 22 OD/15 ID
Code: 3511000

Double Flip top cap with seal. Covers 7.6mm and 9.5mm applications / 22 ID / Swivel / 22 OD/15 ID
Code: 3505000

22 ID / Swivel / 22 OD/15 ID swivel
Code: 3506000

Flip top cap with 7.6mm port / 22 ID / 22 OD/15 ID swivel
Code: 3516000

S* - sterile   Connectors and accessories_US • Issue 18.A1 02.23

Tube Management Clip System

Tube management clips / Tube clips / 22mm / 22mm / 22mm / Notch feature / Notch feature
Code: 2316000

22 ID / Notch feature
Code: 1978000

Y-Pieces

22 OD / 22 OD / 22 OD/15 ID
Code: 1900000

22 OD / 7.6mm port / 6mm stem / 22 OD / 22 OD/15 ID
Code: 1901000

22 OD Swivel / Luer Lock Port / 22 OD Swivel / 22 OD/15 ID Swivel
Code: 19296000

15 OD / 15 OD / 15 ID
Code: 1902000

15 OD / 7.6mm ports / 15 OD / 22 OD/15 ID
Code: 1903000

22 OD / 7.6mm ports / 22 OD / 22 OD/15 ID
Code: 1927000

22 OD / 22 OD / 22 OD/15 ID
Code: 19266000

Scavenging Connectors

22 OD / 19 OD
Code: 1975000

22 OD / 30 OD
Code: 1970000

22 OD / 30 OD
Code: 1971000

Monitoring Connectors

Luer Port & Cap / 15 OD / 22 OD/15 ID
Code: 2714000

Female Luer Fitting
Code: 2710000

Luer Port & Cap / 15 OD / 22 OD/15 ID
Code: 2713000

Superset Tube Catheter Mounts

22 ID / 22 OD/15 ID
Code: 3504000 (S*)

22 ID / 22 OD/15 ID
Code: 3502000

Flip top cap with 7.6mm port / 22 ID / Swivel / 22 OD/15 ID
Code: 3520000

Double Flip top cap with seal. Covers 7.6mm and 9.5mm applications / 22 ID / Swivel / 22 OD/15 ID
Code: 3521000

22 ID / Swivel / 22 OD/15 ID
Code: 3512000

Luer port and cap / 22 ID / 22 OD/15 ID
Code: 3514000

22 ID / 15 ID
Code: 91236000

7.6mm Port / 15 OD / 15 ID
Code: 3532000

Directional Valves

22 OD / 22 OD
Code: 1950000

22 OD / 22 ID / 22 OD
Code: 1952000

22 OD / 22 ID / 22 OD
Code: 1953000

22 OD / 22 OD / 22 OD/15 ID
Code: 1954000

Size Selection Chart

15 OD   **22 OD**   **30 OD**   **15 ID**   **22 ID**   **30 ID**

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