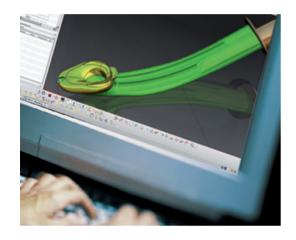
# Sterile product catalogue Respiratory products and systems





# For over twenty five years Intersurgical has been supplying a wide range of quality respiratory care products to hospitals all over the world.



We are delighted to introduce a standard range of sterile products for use in both the Intensive Care and Anaesthetic areas. The range covers a selection of standard products and our aim is to provide our customers with a further choice for those applications that may require a sterile option.

If the configuration that you require is not shown in this catalogue please contact our customer care office on +44 (0) 118 9656 300 or email us on info@intersurgical.com with your exact requirements.









All Intersurgical products are designed and manufactured to meet the

requirements of relevant BS, ISO and EN Standards. Compliance with ISO 90001:2000, ISO 13485 and Annex II of the Medical Devices Directive allows CE marketing of all of our products.

This enables Intersurgical products to be traded throughout Europe and the world without restriction.



Our goal is to provide the most comprehensive range of respiratory products offering our customers **quality**, **innovation and choice**.

#### **Contents**



#### **Airway management**

- i-gel supraglottic airway
- Solus laryngeal mask airways
- Endotracheal tubes
- One-piece Guedel airways
- Catheter mounts

- Patient connectors
- Inter-Therm HMEF
- Hydro-Trach MK II HME
- Inter-Guard filter
- Hydro-Guard Mini filter



#### **Anaesthesia**

- Anaesthetic breathing systems
- Uniflow coaxial breathing systems
- Compact II adjustable breathing systems
- Mapleson options

13

4



#### **Critical care**

- Flextube breathing systems
- Smoothbore breathing systems
- Smoothbore breathing systems for active humidification
- Humidification chamber

17

#### **Airway management**

From patient connection to airway a full range of sterile products

- i-gel supraglottic airway
- Solus laryngeal mask airways
- Endotracheal tubes
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#### A revolutionary, single use supraglottic airway

#### i-gel® and natural airway management

The i-gel is a truly unique airway device and represents the culmination of years of extensive research and development. Everything about the i-gel has been designed to work in perfect unison with the anatomy; the i-gel design was inspired by the physiology of the perilaryngeal framework itself - airway management as nature might have intended.

#### i-gel mirrors the anatomy

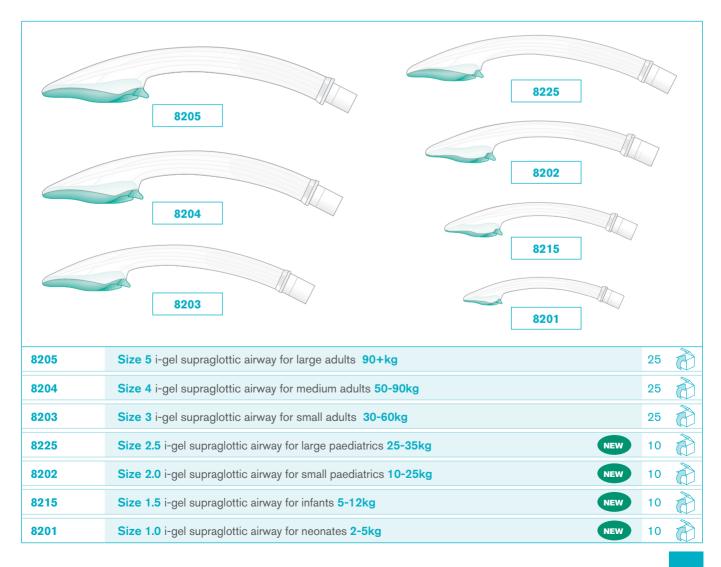
The shape, softness and contours accurately mirror the perilaryngeal anatomy to create the perfect fit. This innovative concept means that no cuff inflation is required. The i-gel works in harmony with the patient's anatomy so that compression and displacement trauma are significantly reduced or eliminated.

#### The non-inflatable cuff

i-gel is made from a soft gel-like material. It is the innovative application of this material that has enabled the development of a unique non-inflatable cuff. This key feature means insertion of i-gel is easy, rapid and consistently reliable.

#### The simple, safe and rapid solution

i-gel is incredibly easy to use. A proficient user can achieve insertion of the i-gel in less than 5 seconds. With no inflatable cuff, i-gel provides a safe and rapid airway management solution.





#### Standard laryngeal mask airways

The Solus is a single use laryngeal mask airway. It is ideal for use in anaesthesia and emergency medicine.

8005	Patient size: >70kg	size 5	Maximum inflation value: <40ml	20	
8004	Patient size: 50-70kg	size 4	Maximum inflation value: <30ml	20	
8003	Patient size: 30-50kg	size 3	Maximum inflation value: <20ml	20	
8025	Patient size: 20-30kg	size 2½	Maximum inflation value: <14ml	20	
8002	Patient size: 10-20kg	size 2	Maximum inflation value: <10ml	20	
8015	Patient size: 5-10kg	size 1½	Maximum inflation value: <7ml	20	
8001	Patient size: <5kg	size 1	Maximum inflation value: <4ml	20	

#### MRI-safe laryngeal mask airways

The MRI-safe Solus options are fitted with specially tested non-ferrous valves guaranteed not to interfere with the magnet in an MRI unit.

The packaging is clearly marked and the pilot balloon and valve plunger are yellow for ease of identification. Yellow is the traditional colour indicator of a non-ferrous laryngeal mask airway.

8005002	Patient size: >70kg	size 5	Maximum inflation value: <40ml	20	
8004002	Patient size: 50-70kg	size 4	Maximum inflation value: <30ml	20	
8003002	Patient size: 30-50kg	size 3	Maximum inflation value: <20ml	20	
8025002	Patient size: 20-30kg	size 21/2	Maximum inflation value: <14ml	20	
8002002	Patient size: 10-20kg	size 2	Maximum inflation value: <10ml	20	
8015002	Patient size: 5-10kg	size 1½	Maximum inflation value: <7ml	20	
8001002	Patient size: <5kg	size 1	Maximum inflation value: <4ml	20	

#### Flexible wire reinforced laryngeal mask airways

The Flexible Solus is 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 cessation of gaseous flow.

8005001	Patient size: >70kg	size 5	Maximum inflation value: <40ml	20
8004001	Patient size: 50-70kg	size 4	Maximum inflation value: <30ml	20 🚵
8003001	Patient size: 30-50kg	size 3	Maximum inflation value: <20ml	20
8025001	Patient size: 20-30kg	size 21/2	Maximum inflation value: <14ml	20
8002001	Patient size: 10-20kg	size 2	Maximum inflation value: <10ml	20

#### InTube endotracheal tubes

The InTube range of endotracheal tubes offer three varieties of ET tube: cuffed, uncuffed and reinforced in a comprehensive range of sizes from paediatric to adult. These are designed for use in anaesthesia, A&E, intensive care and emergency medicine.

#### High volume, low pressure

InTube cuffs on the standard and reinforced ranges are 'high volume/low pressure'. This enables their use in long-term procedures and for greater patient comfort and reduced trauma in intensive care.

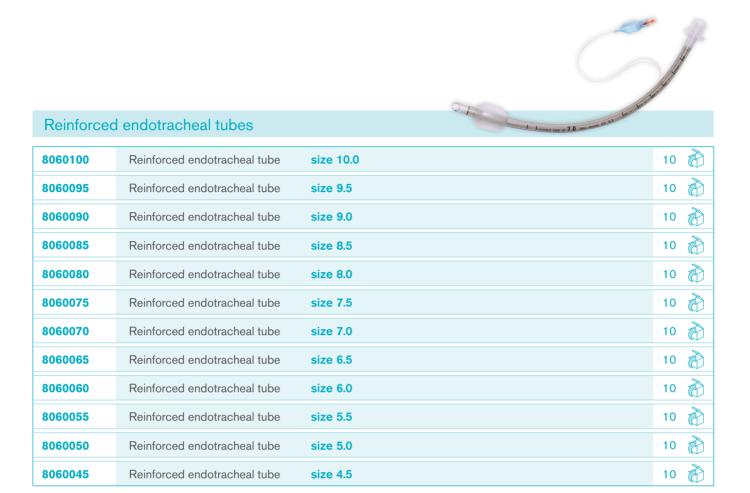
#### Cuffed endotracheal tubes

8040100	Cuffed endotracheal tube	size 10.0	10 췺
8040095	Cuffed endotracheal tube	size 9.5	10
8040090	Cuffed endotracheal tube	size 9.0	10
8040085	Cuffed endotracheal tube	size 8.5	10 🚵
8040080	Cuffed endotracheal tube	size 8.0	10 👌
8040075	Cuffed endotracheal tube	size 7.5	10
8040070	Cuffed endotracheal tube	size 7.0	10
8040065	Cuffed endotracheal tube	size 6.5	10
8040060	Cuffed endotracheal tube	size 6.0	10 🚵
8040055	Cuffed endotracheal tube	size 5.5	10 🚵
8040050	Cuffed endotracheal tube	size 5.0	10 췺
8040045	Cuffed endotracheal tube	size 4.5	10



#### Uncuffed endotracheal tubes

8050070	Uncuffed endotracheal tube	size 7.0	10 췺
8050065	Uncuffed endotracheal tube	size 6.5	10 🚵
8050060	Uncuffed endotracheal tube	size 6.0	10 🚵
8050055	Uncuffed endotracheal tube	size 5.5	10 🚵
8050050	Uncuffed endotracheal tube	size 5.0	10 🚵
8050045	Uncuffed endotracheal tube	size 4.5	10
8050040	Uncuffed endotracheal tube	size 4.0	10
8050035	Uncuffed endotracheal tube	size 3.5	10
8050030	Uncuffed endotracheal tube	size 3.0	10
8050025	Uncuffed endotracheal tube	size 2.5	10
8050020	Uncuffed endotracheal tube	size 2.0	10 🚵



#### **One-piece Guedel airways**

With colour-coded integral bite block providing a safer option

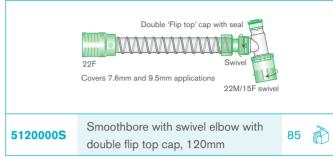


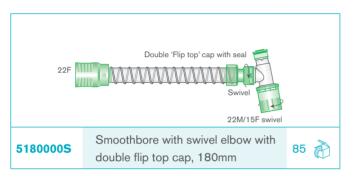
#### **Catheter mounts**

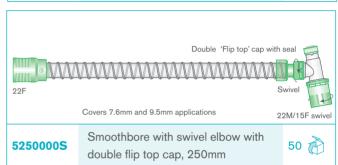
A range of catheter mounts with a choice of tubes, elbows and ports

#### Smoothbore range

Smoothbore tubing gives improved ventilatory support with good flow characteristics, lower tubing compliance and clear, crush-resistant tubing.

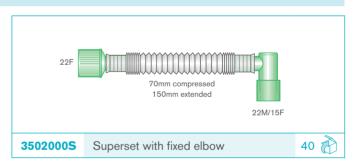


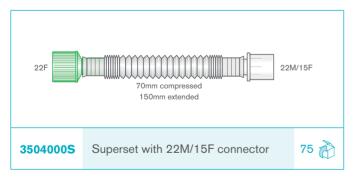


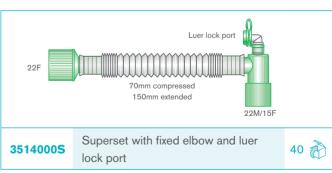


#### Superset® range

The Superset range of catheter mounts have a unique 'concertina' design allowing the mount to be set in any position required. The design allows the adjustment of deadspace from 20ml to 40ml (code 3504: 15-36ml) and the adjustment of length from 70mm to 150mm, excluding connectors for total positioning control.

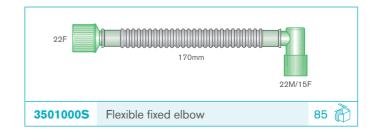






#### Flexible range





#### **Patient connections and Straight connectors**

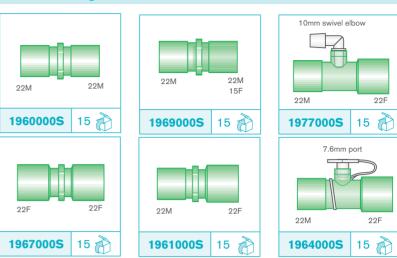
22mm straight connectors

# Fixed elbows Luer lock port 15M 22M/15F 22M/15F

2714000S

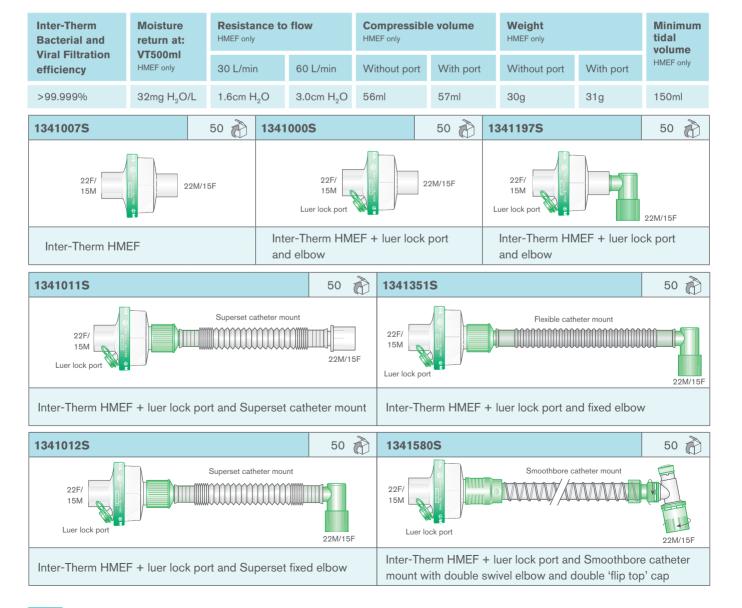
1997000S

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#### Inter-Therm HMEF®

The Inter-Therm combines the filtration efficiency of a dedicated breathing filter with optimum moisture return



#### **Hydro-Trach® TMk.II**

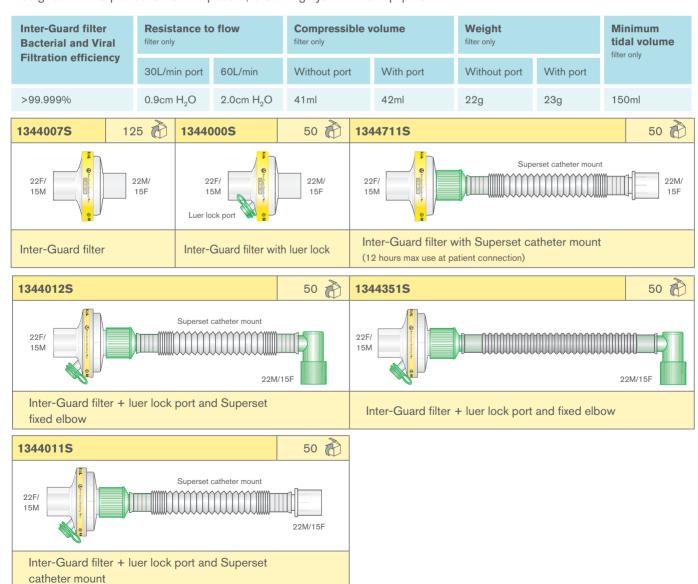
The Hydro-Trach T Mk.II is a heat and moisture exchange device designed for use with spontaneously breathing tracheostomised patients in order to reduce loss of heat and moisture during respiration.

Moisture return at: VT 500ml	Resistance at: HME only		Compressible volume HME only	Weight HME only	Minimum tidal volume
HME only	30L/min	60L/min			HME only
26mg H <sub>2</sub> O/L	0.2cm H <sub>2</sub> O	0.7cm H <sub>2</sub> O	19ml	8g	50ml

1873000S	100	1874000 <b>S</b>	30	
15M		O2 tube not to scale		
Hydro-Trach T Mk.II		Hydro-Trach T Mk.II + O <sub>2</sub> tube		

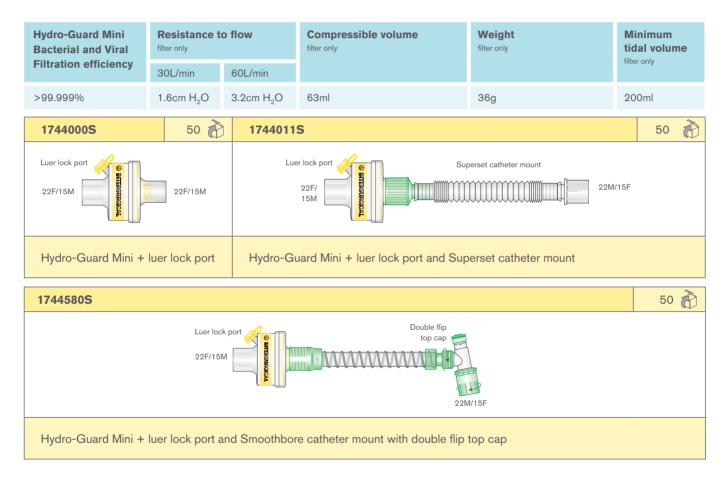
#### **Inter-Guard filter**

Designed for the protection of the patient, breathing system and equipment



#### **Hydro-Guard Mini**

A versatile low volume pleated membrane breathing filter for use in anaesthesia as an HMEF: moisture return 26.8mg H2O/L at VT 500ml or in ITU as a filter only



#### **Air-Guard Clear filter**

The Air-Guard Clear filter is a hydrophobic pleated membrane filter designed for the protection of oxygen concentrator machines and other respiratory equipment.



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



#### **Anaesthesia**

A range of sterile anaesthesia breathing systems and accessories for use in the operating room, recovery and emergency care

- Anaesthetic breathing systems
- Uniflow coaxial breathing systems
- Compact II adjustable breathing systems
- Mapleson options

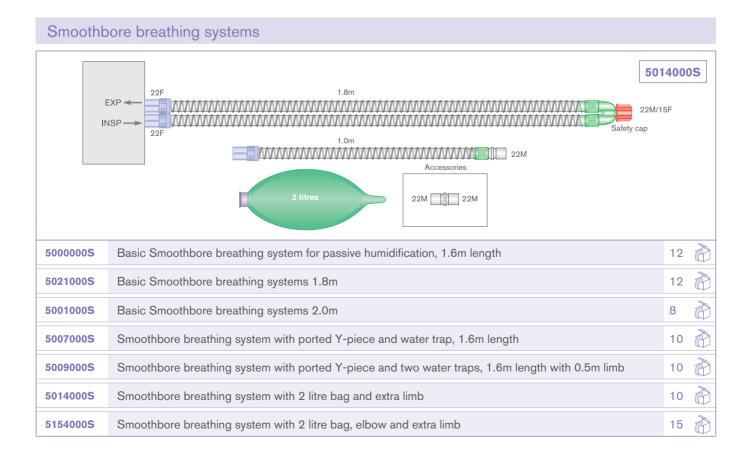
#### **Anaesthetic breathing systems**

Breathing system with water traps, 1.6m length and 0.8m limb

A comprehensive range of adult 22mm Flextube and Smoothbore breathing systems to suit all applications in general anaesthesia.

#### 

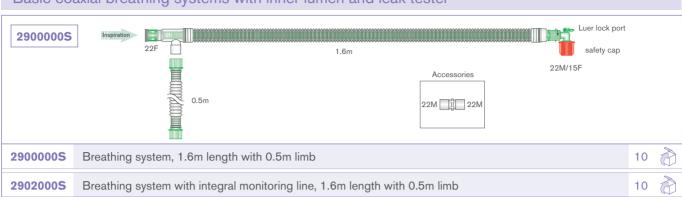
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2009000S

#### UniFlow® coaxial breathing systems

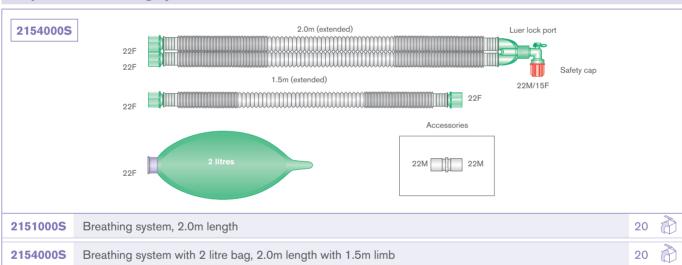
#### Basic coaxial breathing systems with inner lumen and leak tester



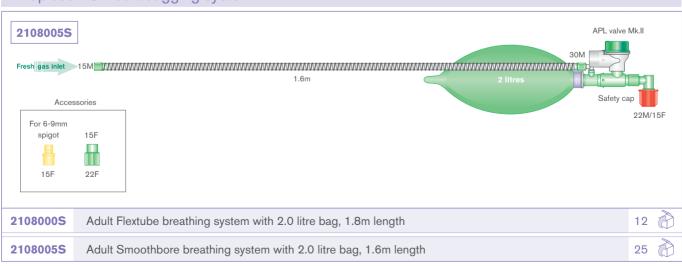
#### Compact II adjustable breathing systems

The Compact® II breathing systems are manufactured from Compact tube which is adjustable; this allows the system to be set in the required position optimising the compressible volume. These systems reduce in length for ease of storage and disposal.

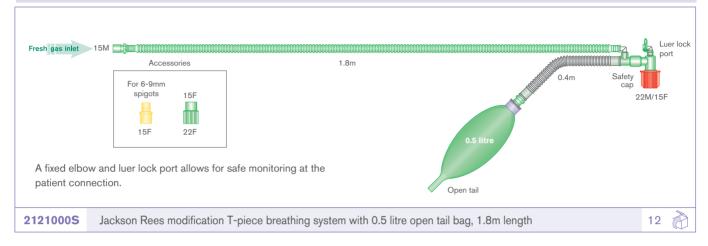
#### Adjustable breathing systems



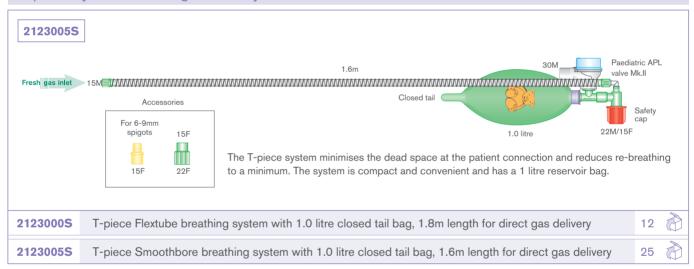
#### Mapleson C Adult bagging system



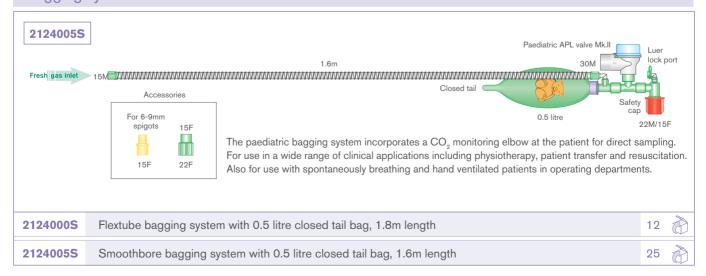
#### Mapleson F Jackson Rees modification T-piece system



#### T-piece system - direct gas delivery



#### Bagging systems



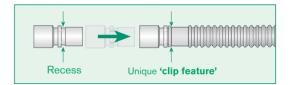
#### **Critical care**

A range of sterile breathing systems for passive and active humidification

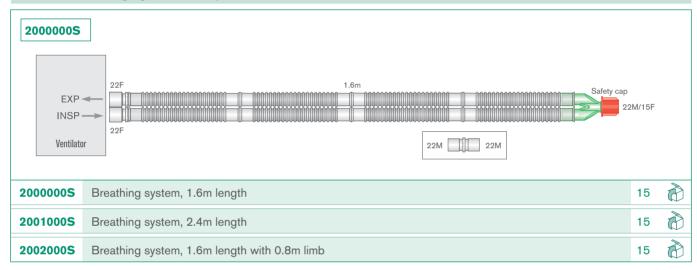
- Flextube breathing systems
- Smoothbore breathing systems
- Smoothbore breathing systems for active humidification
- Humidification chamber

#### Flextube® breathing systems

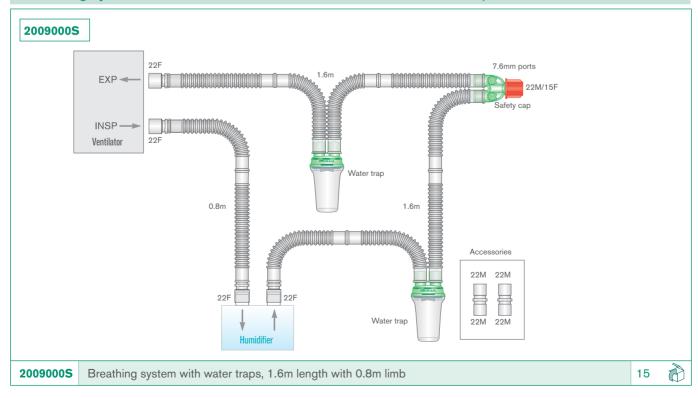
Intersurgical Flextube breathing systems have a unique clip feature; when used with Intersurgical connectors with a recess, an airtight fit is achieved. This ensures that there are no leaks or disconnections.



#### Basic breathing systems for passive humidification

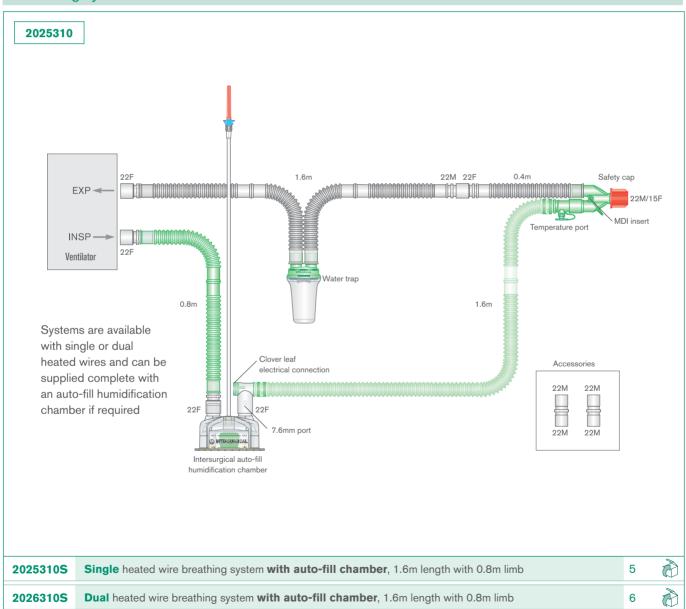


#### Breathing systems for active humidification with resealable water traps (non-heated wire)



## Flextube Breathing systems for active humidification

Breathing systems for active humidification with heated wire/auto-fill humidification chamber



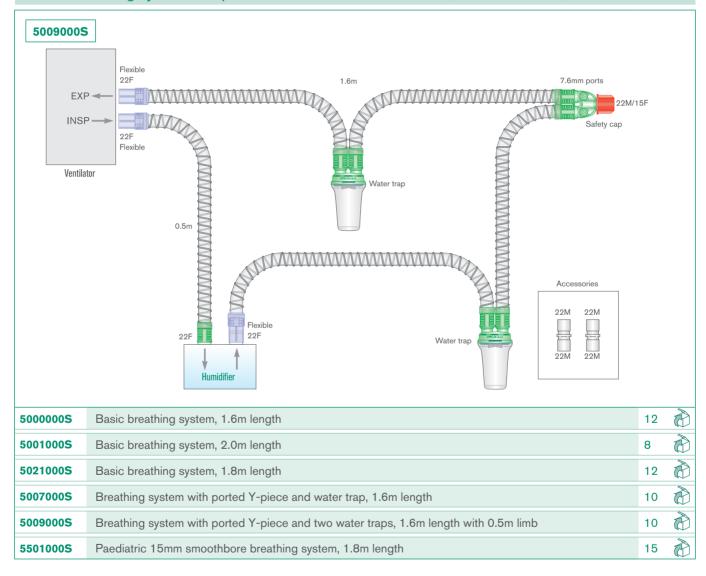
#### **Smoothbore breathing systems**

Smoothbore breathing systems incorporate flexible end connectors at the machine end and lightweight rigid connectors within the system offering improved ventilatory support.

Benefits include:

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

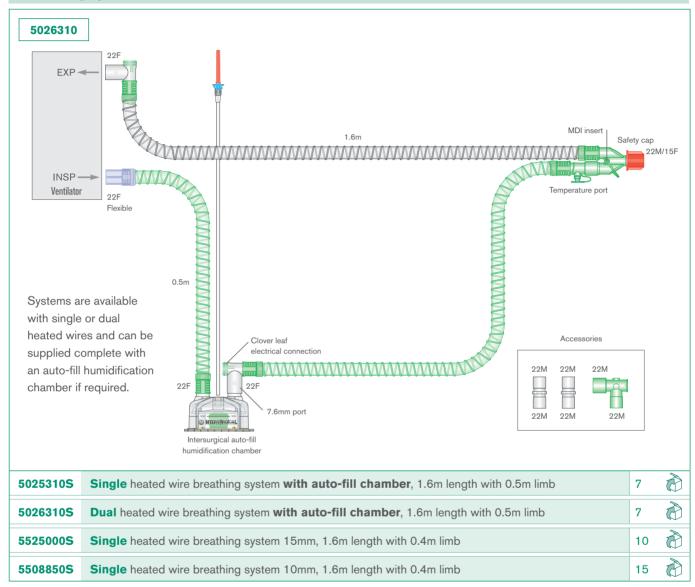
#### Basic Breathing systems for passive and active humidification (non-heated wire)



Smoothbore tube lengths with soft connectors						
5012000S Smoothbore tube length with soft end connectors, 1.2m length						
5018000S Smoothbore tube length with soft end connectors, 1.8m length		25				
5020000S	Smoothbore tube length with soft end connectors, 2.0m length	20				

## Smoothbore breathing systems for active humidification

Breathing systems for active humidification with heated wire/auto-fill humidification chamber



#### **Humidification chamber**



### More quality, innovation and choice - available online



#### Visit our website

We have made significant changes to make a better online experience for visitors to our web site. It's now much easier to navigate around and find what you want. The product images are bigger and better and we've also added educational video clips that provide a useful tool for educators and clinicians in respiratory care.

International site: www.intersurgical.com



We also have a YouTube channel which offers the full library of video clips for you to look at and share:

www.youtube.com/intersurgical

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