

# Intersurgical

## Neonatal and Paediatric catalogue

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



Quality, innovation and choice

Edition 7

# Committed to care

For neonatal and paediatric patients requiring respiratory support we can provide a number of specialist options to suit both your patient's needs and equipment. From the nFlow infant nasal CPAP system through to ventilator breathing systems for a variety of ventilators, transport and resuscitation.

All of our products are designed and manufactured to meet the requirements of relevant BS, ISO and EN standards. We are committed to lowering the environmental impact of our products and services and have implemented an Environmental Management System which has been certified to the international standard ISO 14001.



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## 10mm Neonatal and Paediatric breathing systems

Intersurgical offer a wide range of 10mm neonatal and 15mm paediatric breathing systems designed for use with the majority of humidifiers and ventilators found in the neonatal and paediatric intensive care areas.

To help you find the breathing system for your equipment and patient we have divided this catalogue into ventilator manufacturer and model sections-see Contents page.

If the ventilator that you are using is not specifically listed or it is a ventilator with a neonatal and paediatric mode (with 22mm machine connections) then please refer to pages 20-21.

We have also included a section for Transport ventilators on page 22 and for Manual Resuscitation systems page 23.

### Safety

All of our breathing systems have been designed for ease of use and patient safety.

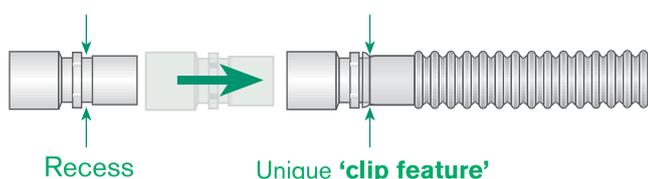
### Push and Twist

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.



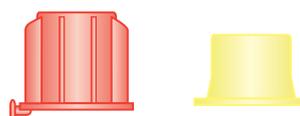
### Clip Feature

Intersurgical 10mm and 15mm Flextube® Systems feature a unique clip; which secures the Flextube to the connector providing an airtight fit.



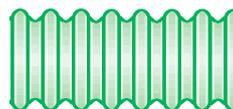
### Tethered Caps

All port caps within our breathing systems are securely tethered to ensure that they are not lost or compromise the breathing systems in use. Removable dust/safety caps which are designed to be removed prior to the product being used are colour coded red/yellow to ensure that these are clearly visible.

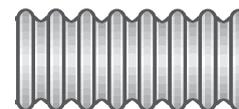


### Colour Coding

Breathing systems that require the inspiratory and expiratory limbs to be connected in the correct orientation are colour coded green for inspiratory and clear for expiratory for ease of identification.



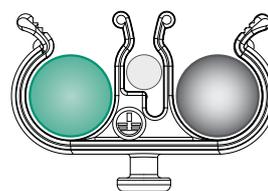
Inspiratory Limb



Expiratory Limb

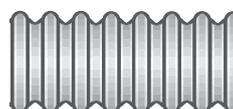
### Tube Clips

All heated wire breathing systems now include Intersurgical tube clips which will help position the system safely, prevent unnecessary pull at the patient connection and allow for monitoring and temperature probe lines to be held safely in place alongside the breathing system.



### Choice

Breathing systems are available manufactured from either our lightweight Flextube® or Smoothbore tubing with flexible end connectors providing a choice of options to suit clinical preference.



Flextube



Smoothbore

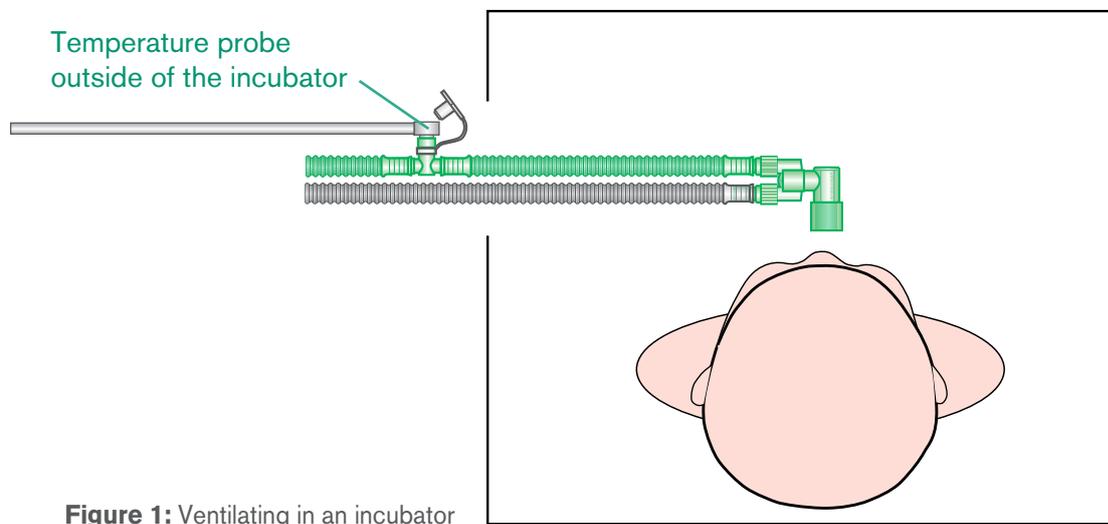
## Adaptable breathing system design

All Intersurgical neonatal Flextube® breathing systems have been improved to an adaptable new design, which will allow more flexibility and easier stock control giving the user more choice.

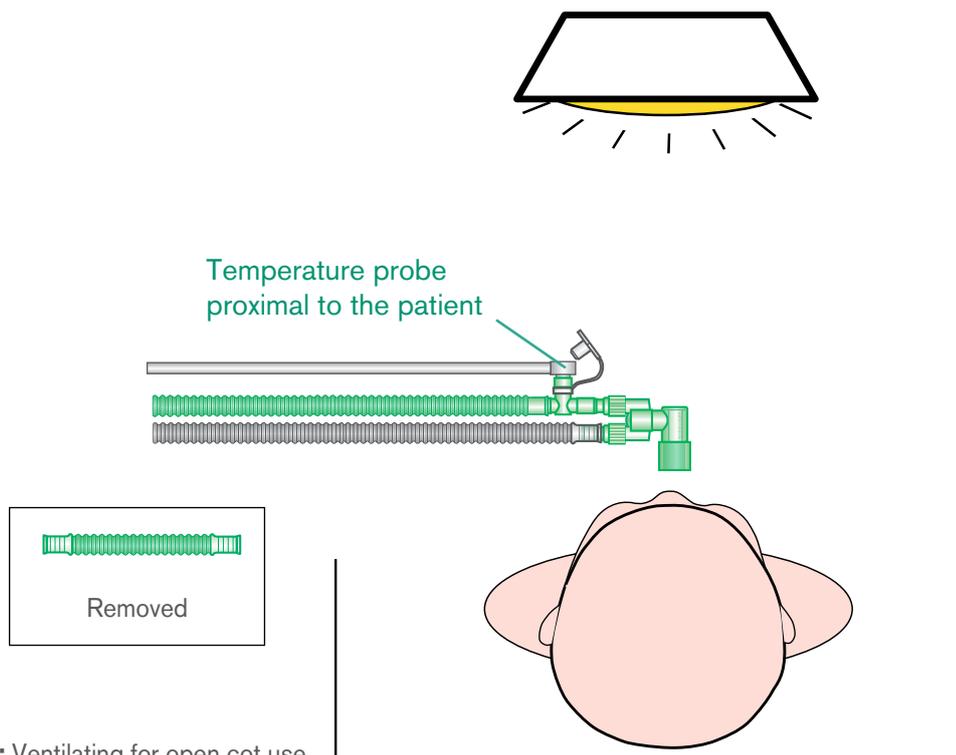
The section of the green inspiratory limb closest to the patient can now be removed.

This allows the same breathing system to be used for ventilating in an incubator (see Figure 1), with the temperature probe outside the incubator, or by removing this section the temperature probe will be closer to the y-piece for open cot use (see Figure 2).

Adjustable systems for use on the SLE® ventilators requiring a flow restrictor, contain an additional interchangeable short limb allowing the end user to modify the system for incubator or open cot usage.



**Figure 1:** Ventilating in an incubator



**Figure 2:** Ventilating for open cot use

# nFlow® Infant nasal CPAP system

The Intersurgical nFlow system offers a complete care solution for infant CPAP with established 'gas flip' technology, providing a low 'work of breathing' option as an alternative to ventilator CPAP. nFlow is compatible with all flow drivers and humidifiers commonly found in the neonatal intensive care areas.

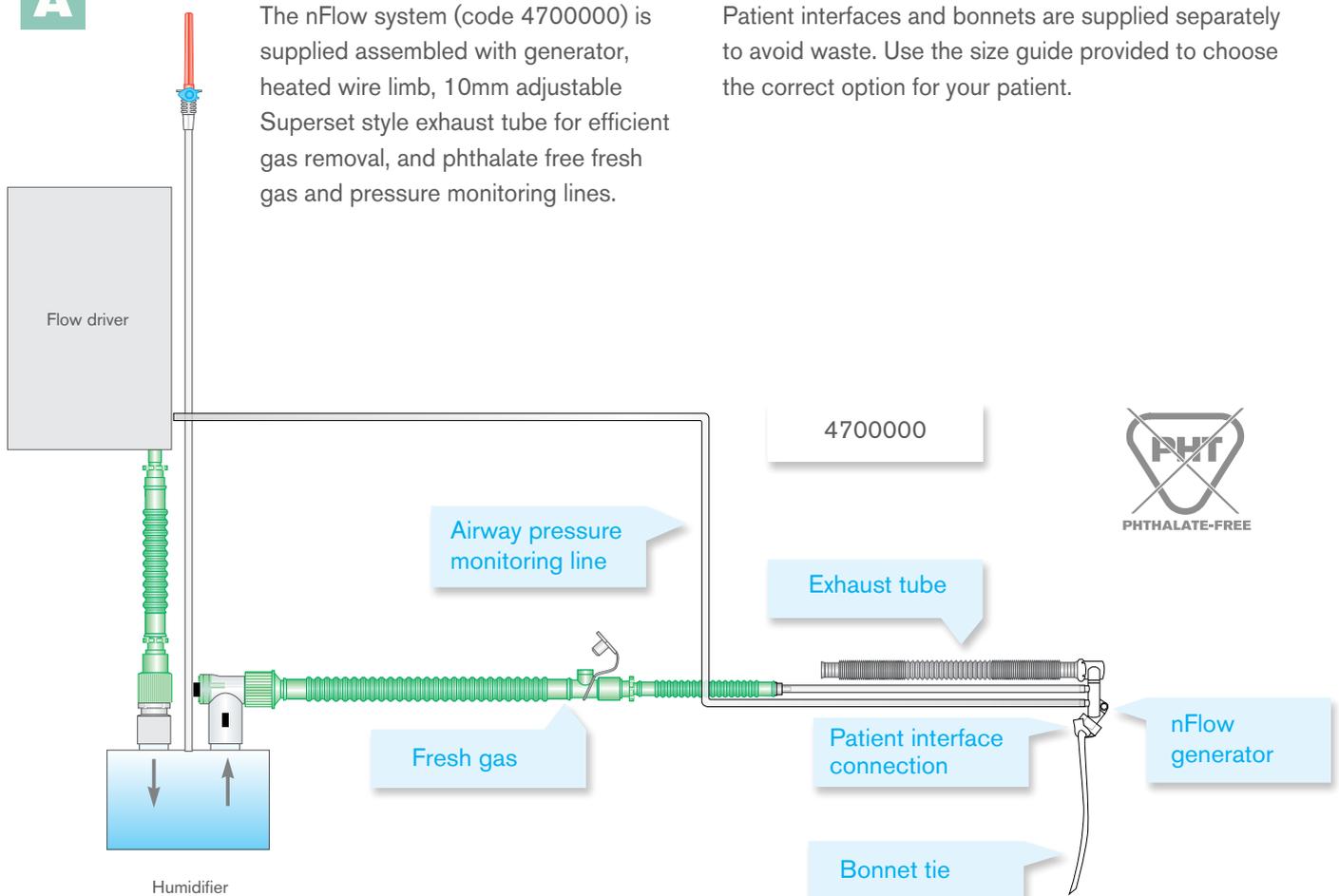

**A**

## The nFlow system

The nFlow system (code 4700000) is supplied assembled with generator, heated wire limb, 10mm adjustable Superset style exhaust tube for efficient gas removal, and phthalate free fresh gas and pressure monitoring lines.

## A choice of patient interfaces and bonnets

Patient interfaces and bonnets are supplied separately to avoid waste. Use the size guide provided to choose the correct option for your patient.


**B**

## Bonnets


**C**

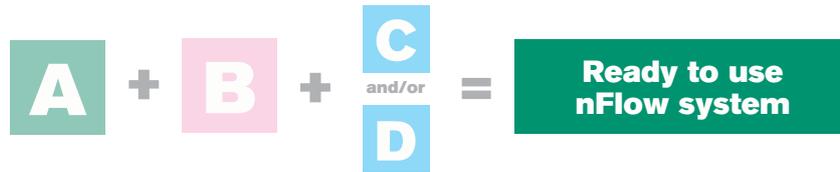
## Nasal masks


**D**

## Nasal prongs



We've made ordering easy. To make a complete system you can choose one product code from each group marked **A to D**. At any time you can order separate items according to your needs.



## A nFlow system



<b>4700000</b>	nFlow infant CPAP system with heated wire 1.6m length	12
<b>4700001</b>	nFlow infant CPAP system with heated wire 1.8m length	10
<b>4708000</b>	nFlow silencer kit	50

## B Bonnets



<b>4707009</b>	Size 9 (40 - 42 cm)	Navy		10
<b>4707008</b>	Size 8 (38 - 40 cm)	Turquoise		10
<b>4707007</b>	Size 7 (36 - 38 cm)	Orange		10
<b>4707006</b>	Size 6 (34 - 36 cm)	Red		10
<b>4707005</b>	Size 5 (32 - 34 cm)	Green		20
<b>4707004</b>	Size 4 (30 - 32 cm)	Light Orange		20
<b>4707003</b>	Size 3 (28 - 30 cm)	Light Blue		20
<b>4707002</b>	Size 2 (26 - 28 cm)	Yellow		20
<b>4707001</b>	Size 1 (24 - 26 cm)	Brown		20
<b>4707110</b>	Size 0 (22 - 24 cm)	Pink		20
<b>4707100</b>	Size 00 (20 - 22 cm)	Grey		20
<b>4707000</b>	Size 000 (18 - 20 cm)	White		20

## C Nasal masks



<b>4703000</b>	Large	Purple		30
<b>4702000</b>	Medium	Blue		30
<b>4701000</b>	Small	Pink		30

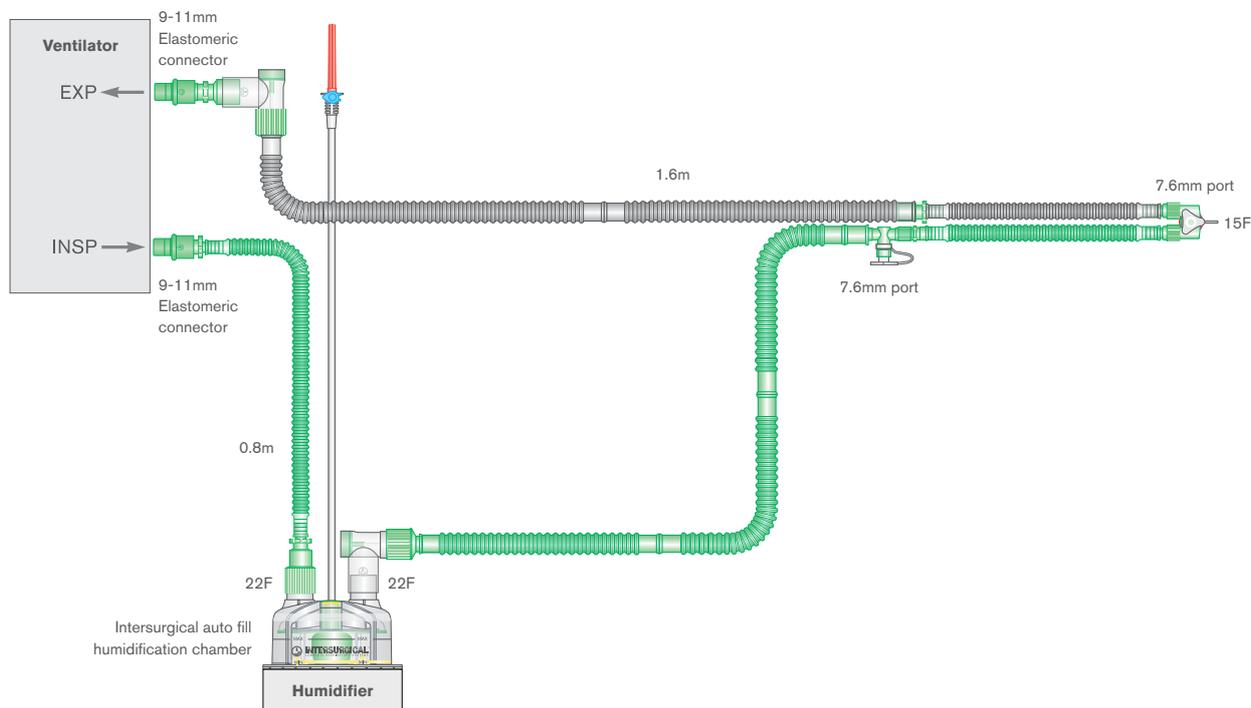
## D Nasal prongs



<b>4706000</b>	Large	Purple		30
<b>4705000</b>	Medium	Blue		30
<b>4704000</b>	Small	Pink		30

## Breathing systems for use with Draeger® - Babylog® 8000 ventilator

### 10mm Flextube® systems for active humidification with dual heated wire



 system illustrated

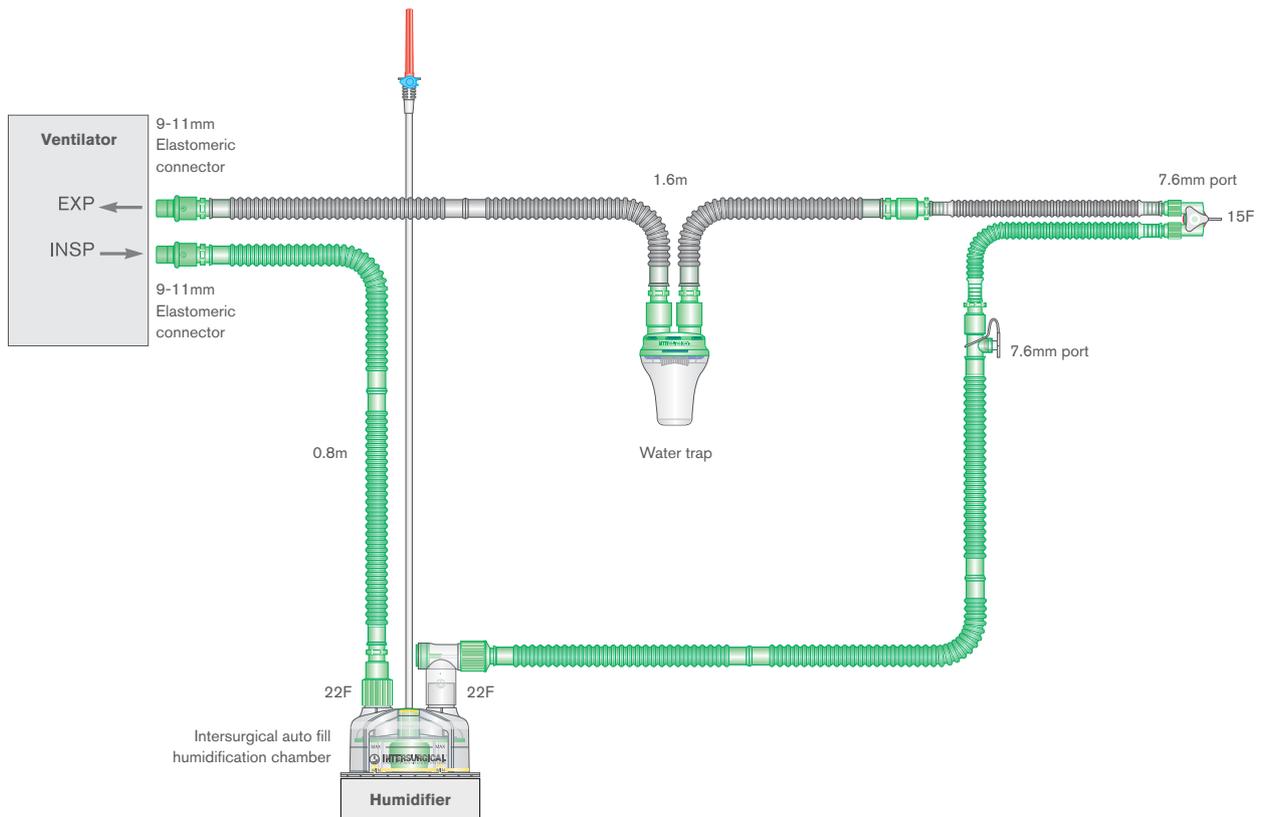
Code	6222810 	6269810	6222850	6269850
Box qty.	8	8	15	15
Tube size	10mm	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m	1.6m
Auto fill chamber	✓	✓		
For use with angled flow sensor		✓		✓
For use with straight flow sensor	✓		✓	

### 15mm Flextube systems for active humidification with dual heated wire

Code	4526850
Box qty.	15
Tube size	15mm
System length	1.6m
For use with angled flow sensor	✓
For use with straight flow sensor	✓

# Breathing systems for use with Draeger® - Babylog® 8000 ventilator

## 10mm Flextube® systems for active humidification with single heated wire



system illustrated

Code	6122810	6068810	6122850	6068850
Box qty.	15	15	20	20
Tube size	10mm	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m	1.6m
Auto fill chamber	✓	✓		
For use with angled flow sensor		✓		✓
For use with straight flow sensor	✓		✓	

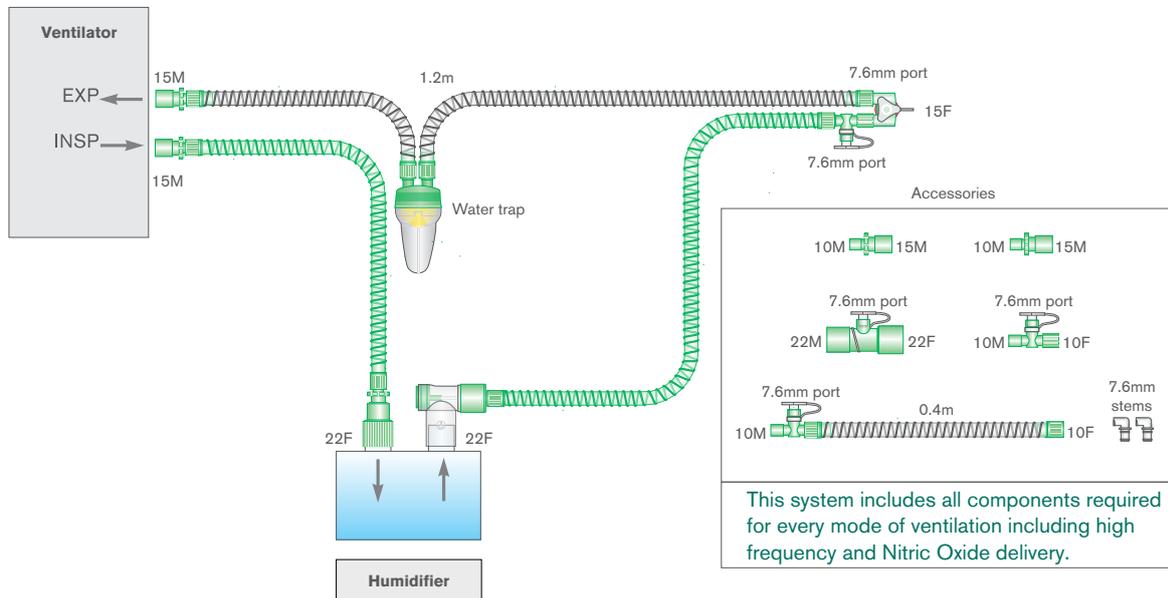
## 15mm Flextube systems for active humidification with single heated wire

Code	4515850
Box qty.	10
Tube size	15mm
System length	1.6m
For use with angled flow sensor	✓
For use with straight flow sensor	✓

# Breathing systems for use with Draeger® - Babylog® 8000 ventilator

## 10mm Smoothbore systems for active humidification with dual/single heated wire

**NOTE:** The system as shown will connect directly onto a Draeger® angled flow sensor. If a straight flow sensor is being used the system can be adapted as required.



system illustrated

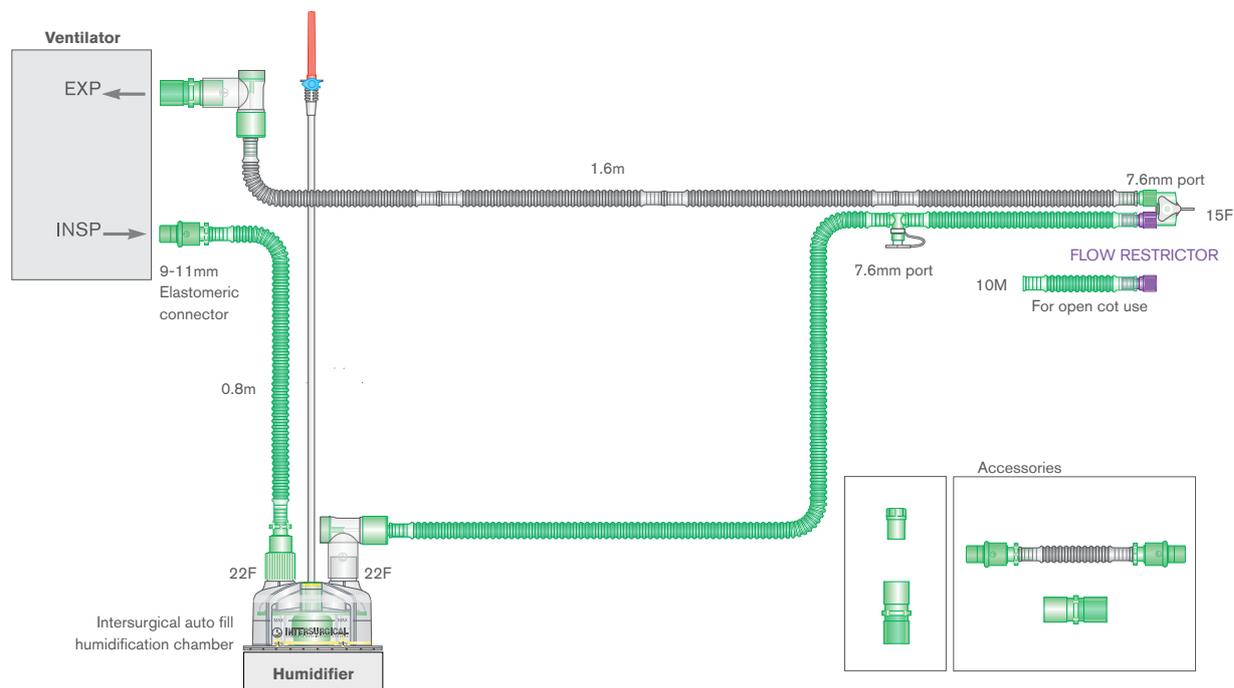
Code	5568850	5068850
Box qty.	20	20
Tube size	10mm	10mm
System length	1.2m	1.2m
Dual heated	✓	
Single heated		✓
For use with angled flow sensor	✓	✓
For use with straight flow sensor	✓	✓

## 15mm Flextube® systems for active humidification with dual/single heated wire

Code	5505850	5515850
Box qty.	15	15
Tube size	15mm	15mm
System length	1.6m	1.6m
Dual heated	✓	
Single heated		✓
For use with angled flow sensor	✓	✓
For use with straight flow sensor	✓	✓

## Breathing systems for use with SLE® - 2000 ventilator

### 10mm Flextube® systems for active humidification with dual/single heated wire

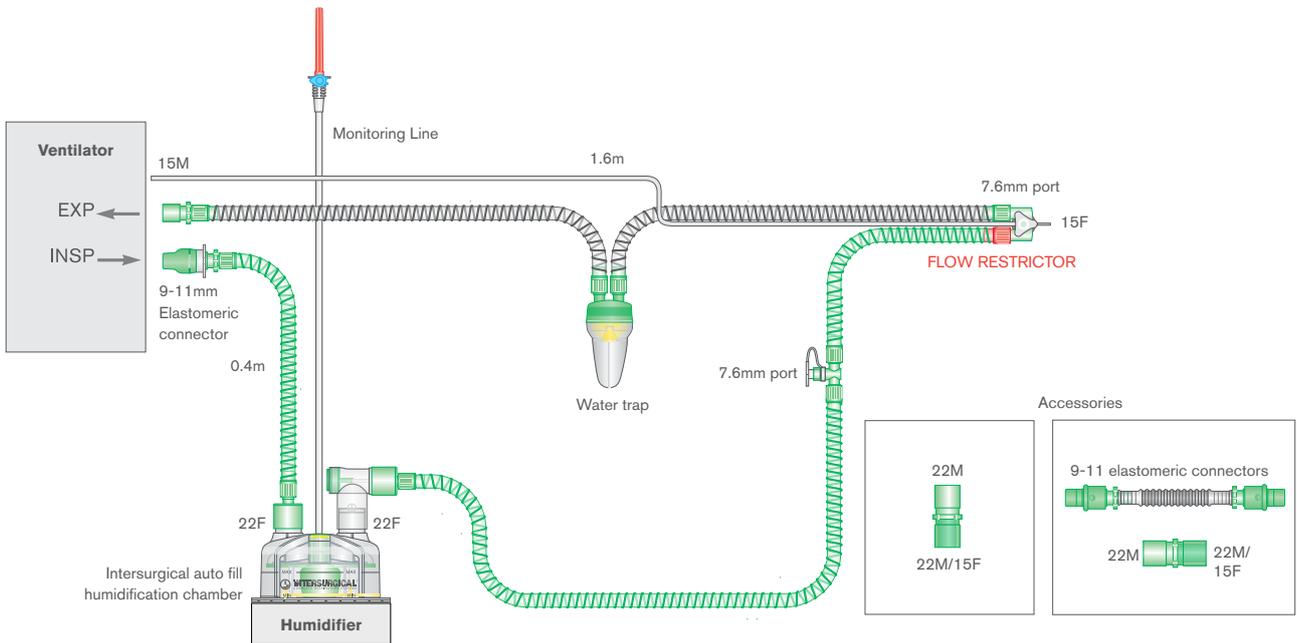


 system illustrated

Code	4539810 	4539850	4509810	4509850
Box qty.	8	15	10	15
Tube size	10mm	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m	1.6m
Dual heated	✓	✓		
Single heated			✓	✓
Auto fill chamber	✓		✓	

# Breathing systems for use with SLE® - 2000 ventilator

## 10mm Smoothbore systems for active humidification with dual/single heated wire

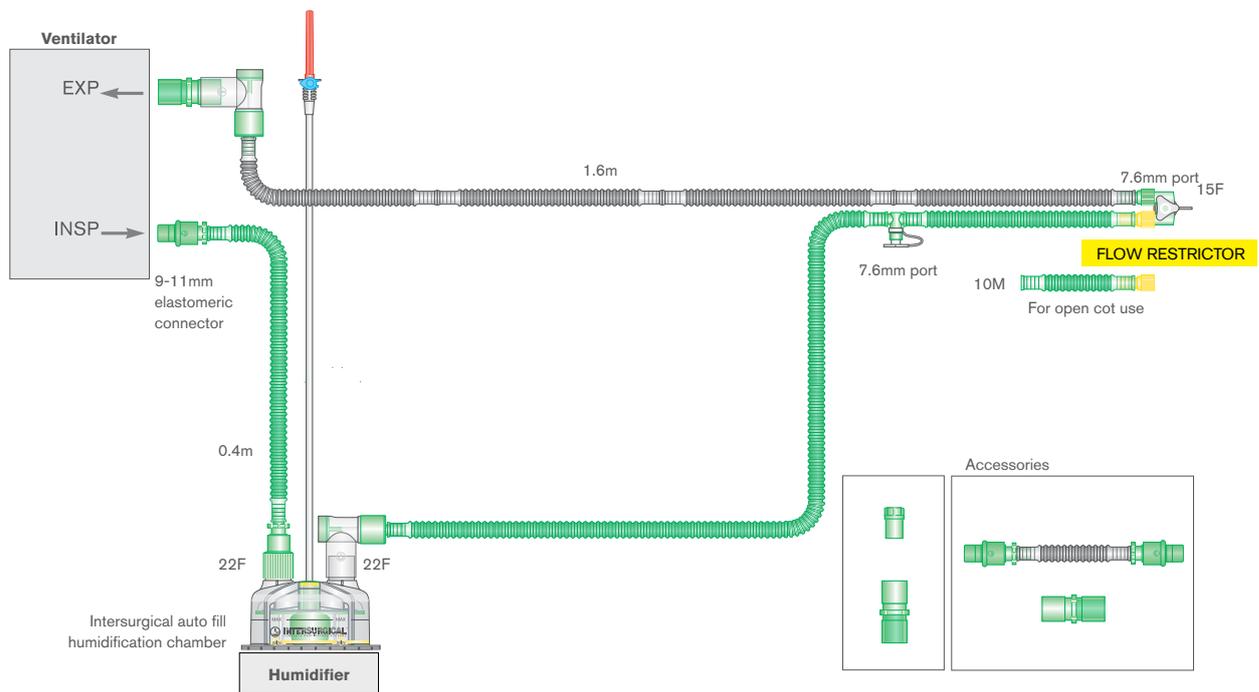


system illustrated

Code	5519810	5519850	5509810	5509850
Box qty.	10	15	7	15
Tube size	10mm	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m	1.6m
Dual heated	✓	✓		
Single heated			✓	✓
Auto fill chamber	✓		✓	

## Breathing systems for use with SLE® - 4000/5000 ventilators

### 10mm Flextube® systems for active humidification with dual/single heated wire

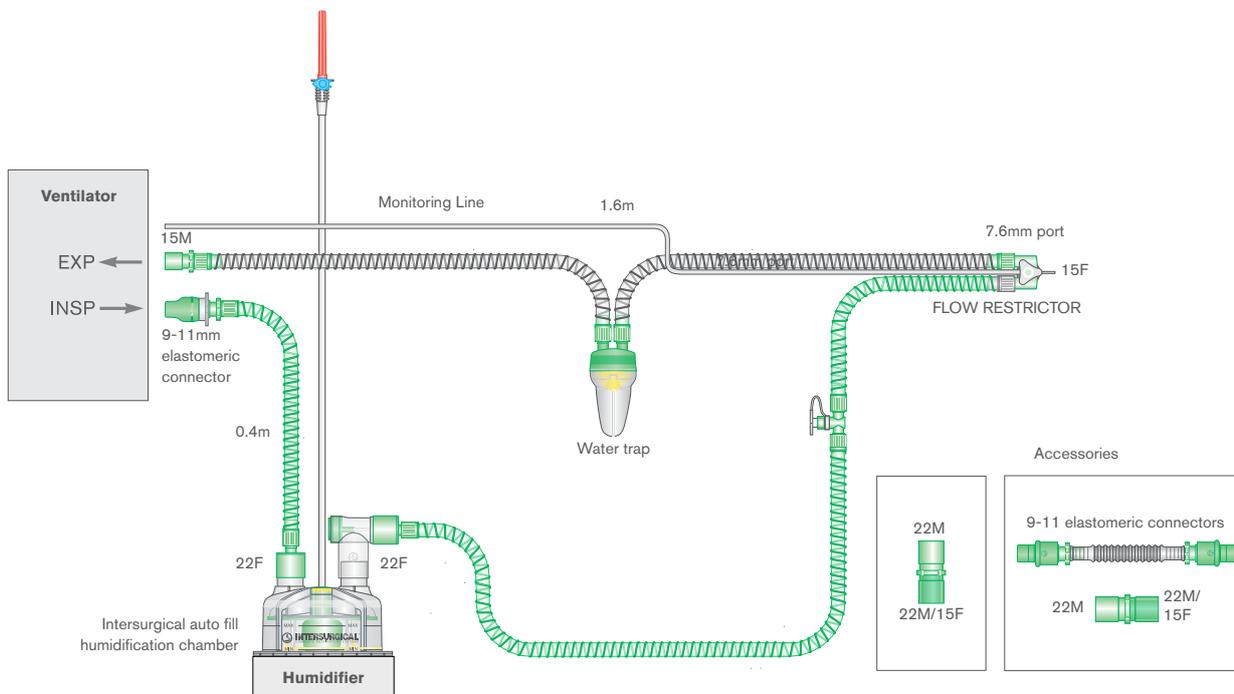


 system illustrated

Code	4639810 	4639850	4609810	4609850
Box qty.	7	15	7	15
Tube size	10mm	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m	1.6m
Dual heated	✓	✓		
Single heated			✓	✓
Auto fill chamber	✓		✓	

## Breathing systems for use with SLE® - 4000/5000 ventilators

### 10mm Smoothbore systems for active humidification with dual/single heated wire

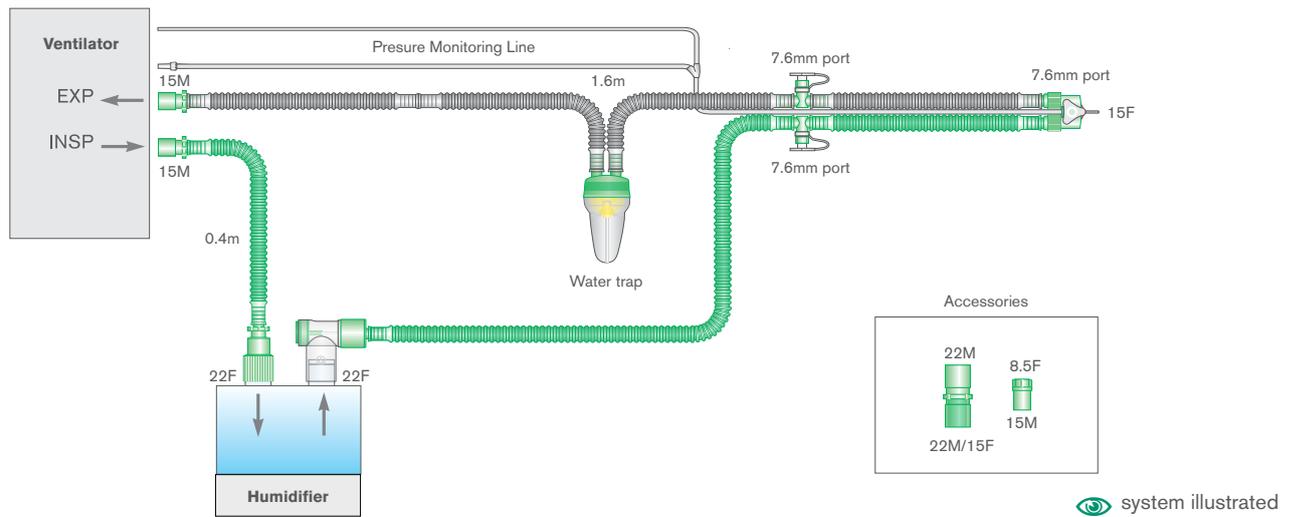


 system illustrated

Code	5619810	5619850	5509810 	5509850
Box qty.	7	15	7	15
Tube size	10mm	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m	1.6m
Dual heated	✓	✓		
Single heated			✓	✓
Auto fill chamber	✓		✓	

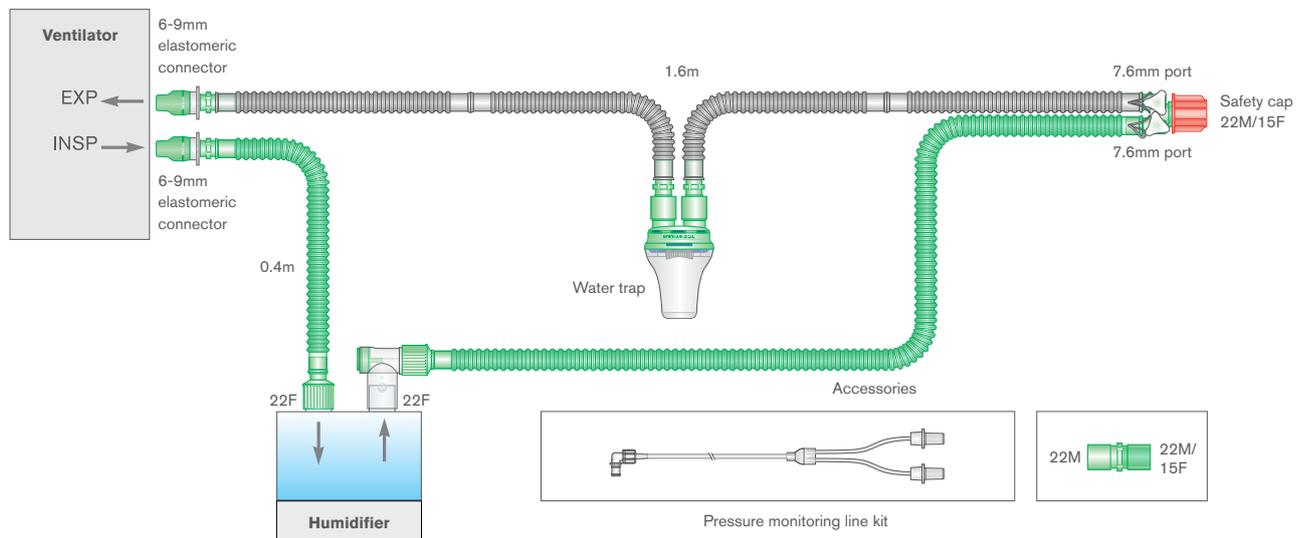
# Breathing systems for use with Sechrist® - IV100B & IV200B ventilators

## 10mm Flextube® systems for active humidification with single heated wire



Code	4506850	4507850
Box qty.	15	15
Tube size	10mm	10mm
System length	1.6m	1.6m
Monitoring line	✓	
Bi-monitoring line		✓

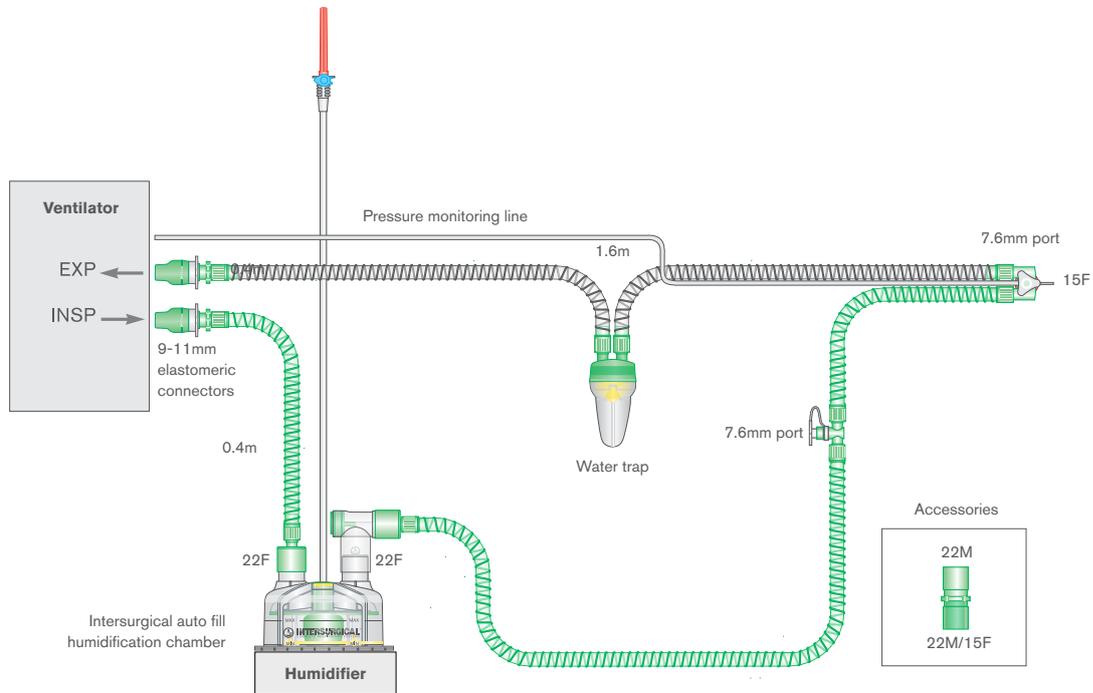
## 15mm Flextube systems for active humidification with single heated wire



Code	4523850
Box qty.	10
Tube size	15mm
System length	1.6m
Single heated	✓
Bi-monitoring line	✓

# Breathing systems for use with Sechrist® - IV100B & IV200B ventilators

## 10mm Smoothbore systems for active humidification with dual/single heated wire

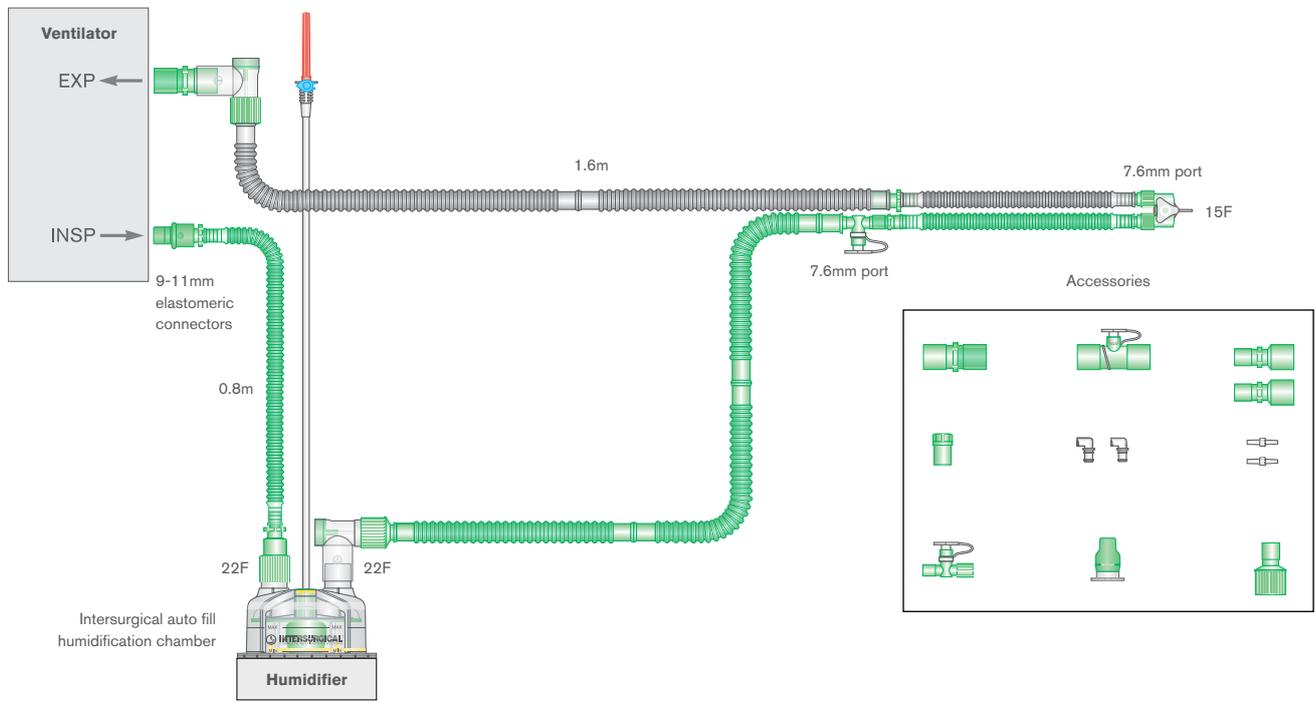


system illustrated

Code	5520850	5510850	5510810
Box qty.	15	15	7
Tube size	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m
Dual heated	✓		
Single heated		✓	✓
Auto fill chamber			✓

# Breathing systems for use with neonatal and paediatric ventilators: including Infant Star®, BearCub® 750, VIP Bird®

## 10mm Flextube® systems for active humidification with dual/single heated wire



system illustrated

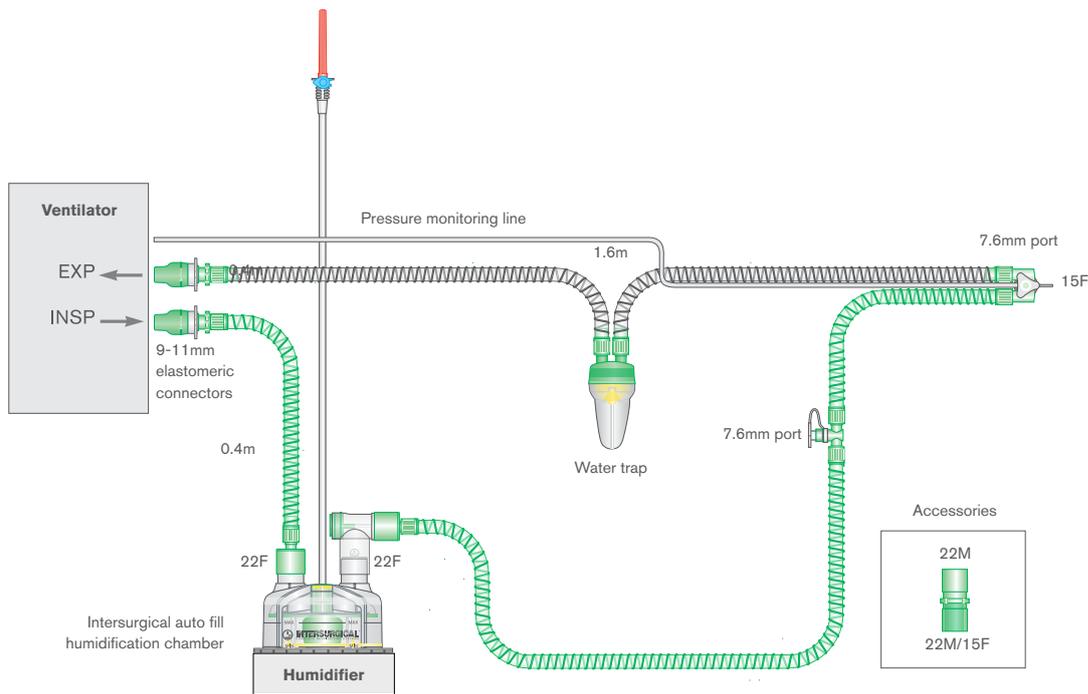
Code	4538810	4538850	4508810	4508850
Box qty.	10	12	7	15
Tube size	10mm	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m	1.6m
Dual heated	✓	✓		
Single heated			✓	✓
Auto fill chamber	✓		✓	

## 15mm Flextube systems for active humidification with dual/single heated wire

Code	4527850	4523850
Box qty.	15	10
Tube size	15mm	15mm
System length	1.6m	1.6m
Dual heated	✓	
Single heated		✓

## Breathing systems for use with neonatal and paediatric ventilators

### 10mm Smoothbore systems for active humidification with dual/single heated wire



system illustrated

Code	5520850	5510850	5510810
Box qty.	15	15	7
Tube size	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m
Dual heated	✓		
Single heated		✓	✓
Auto fill chamber			✓

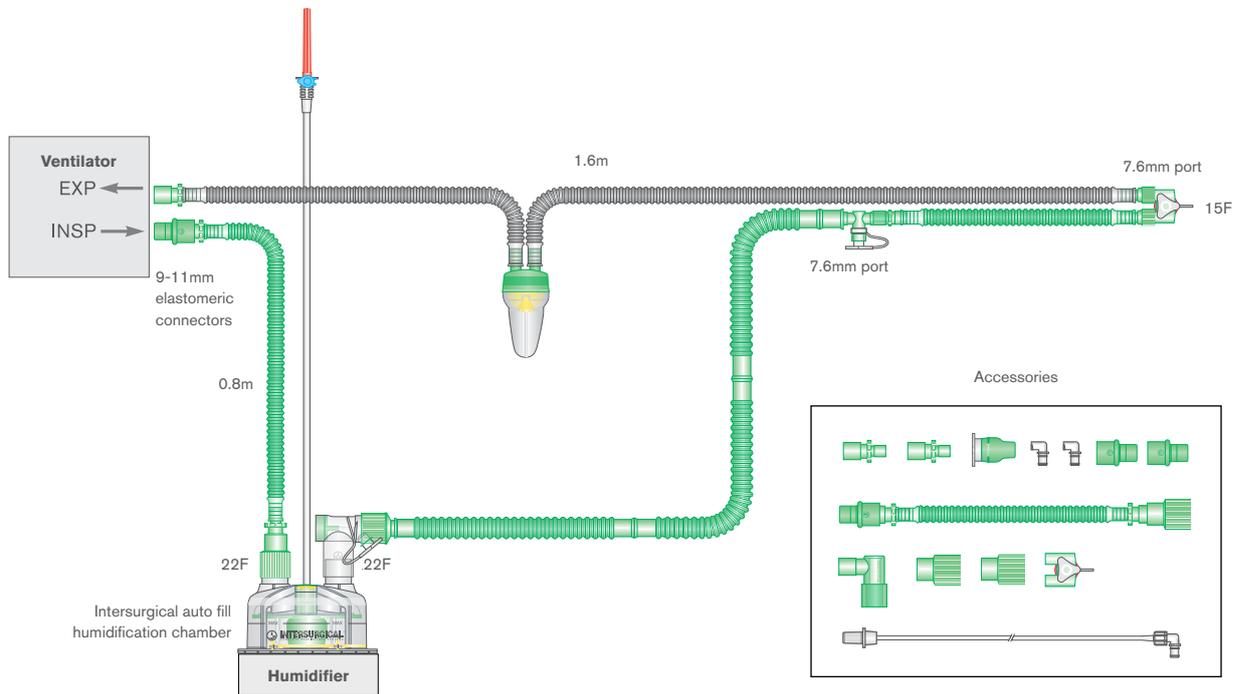
### 15mm Smoothbore systems for active humidification with dual/single heated wire

Code	5506850	5516850
Box qty.	15	15
Tube size	15mm	15mm
System length	1.6m	1.6m
Dual heated	✓	
Single heated		✓

## Universal breathing systems for neonatal ventilators

Our universal breathing systems are designed to be compatible with the majority of ventilators found in Neonatal ICU departments, simply select the appropriate connectors for your equipment from the accessories provided.

### 10mm Flextube® systems for active humidification with dual/single heated wire



system illustrated

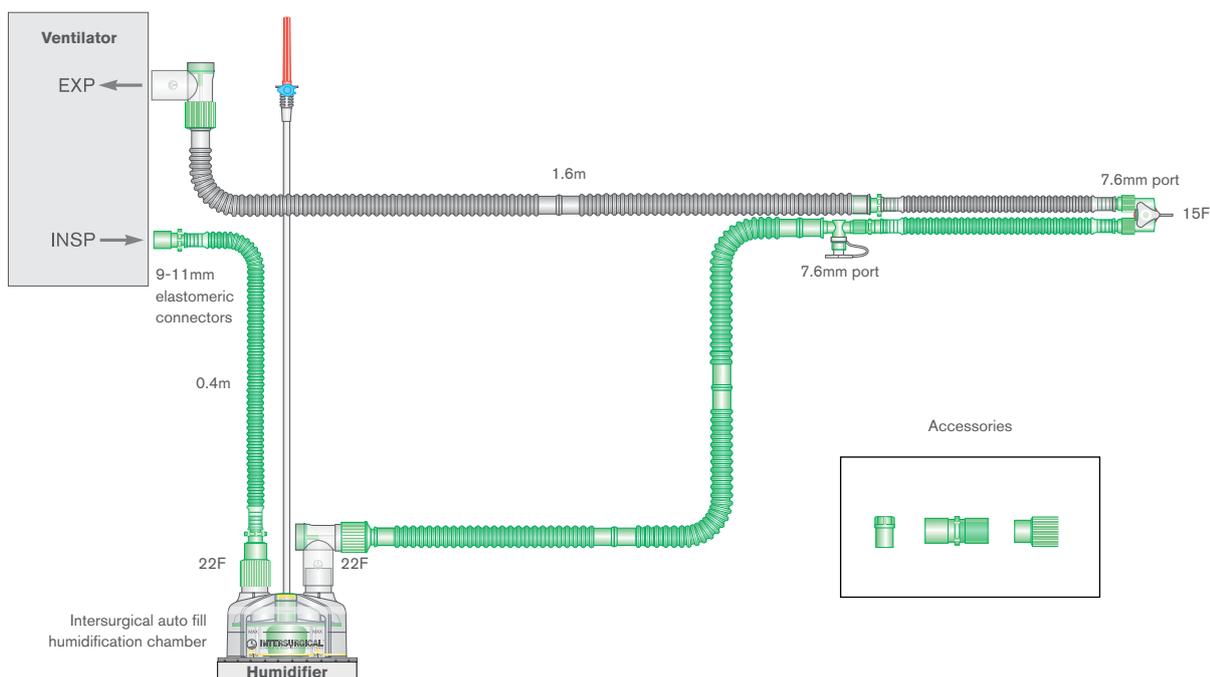
Code	4540810	4519810
Box qty.	10	10
Tube size	10mm	10mm
System length	1.6m	1.6m
Dual heated	✓	
Single heated		✓
Auto fill chamber	✓	✓

### 10mm Smoothbore systems for active humidification with dual/single heated wire

Code	5510850	5520850
Box qty.	15	15
Tube size	10mm	10mm
System length	1.6m	1.6m
Dual heated		✓
Single heated	✓	

## Breathing systems for use with ventilators - 22mm machine connections

### 10mm Flextube® systems for active humidification with dual/single heated wire



#### Low Flow

On ventilators with an active inspiratory and expiratory valve there is no continuous flow through the breathing system, as there is on a conventional neonatal ventilator. These ventilators only deliver the exact amount of gas required by the patient. For small body weight patients the flow per minute through the breathing system can be as low as 1-4 litres. In these cases a specific system is required that is designed for low flow. When the flow through the breathing system is over 4 l/min a standard system should be used. This can be established using the minute volume measurement on the ventilator.

 system illustrated

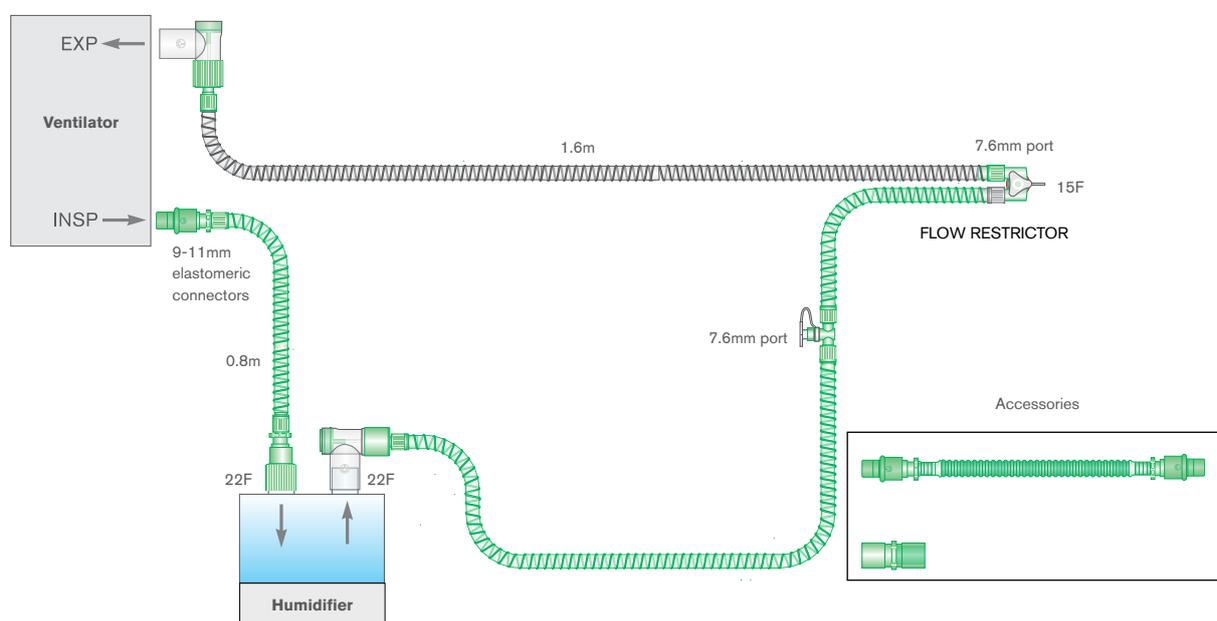
Code	6392810 	6390810	6392850	6390850
Box qty.	7	7	15	12
Tube size	10mm	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m	1.6m
Dual heated	✓	✓	✓	✓
Auto fill chamber	✓	✓		
Low flow		✓		✓

Code	6091810	6090810	6091850	6090850
Box qty.	20	20	15	15
Tube size	10mm	10mm	10mm	10mm
System length	1.6m	1.6m	1.6m	1.6m
Single heated	✓	✓	✓	✓
Auto fill chamber	✓	✓		
Low flow		✓		✓

## 15mm Flextube® systems for active humidification with dual/single heated wire

Code	4525850	4555850	4504850	4554850
Box qty.	15	15	10	10
Tube size	15mm	15mm	15mm	15mm
System length	1.6m	1.6m	1.6m	1.6m
Dual heated	✓	✓		
Single heated			✓	✓
Low flow		✓		✓

## 10mm Smoothbore systems for active humidification with dual/single heated wire



system illustrated

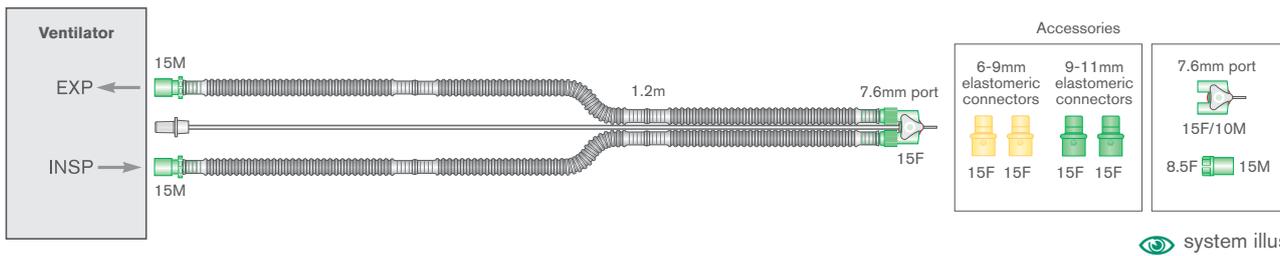
Code	5518850	5508850
Box qty.	15	15
Tube size	10mm	10mm
System length	1.6m	1.6m
Dual heated	✓	
Single heated		✓

## 15mm Smoothbore systems for active humidification with dual/single heated wire

Code	5507850	5504850
Box qty.	15	15
Tube size	15mm	15mm
System length	1.6m	1.6m
Dual heated	✓	
Single heated		✓

## Neonatal 10mm Flextube® transport systems

### For use with Draeger® Babylog® ventilators

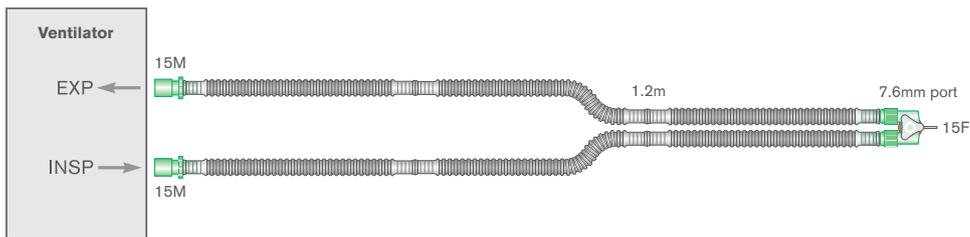


system illustrated

Code	4051	4054	4050
Box qty.	15	10	10
Tube size	10mm	10mm	10mm
System length	1.2m	0.8m	0.8m
Monitoring line length*	1.8m	0.9m	1.8m

\* Monitoring lines are removable

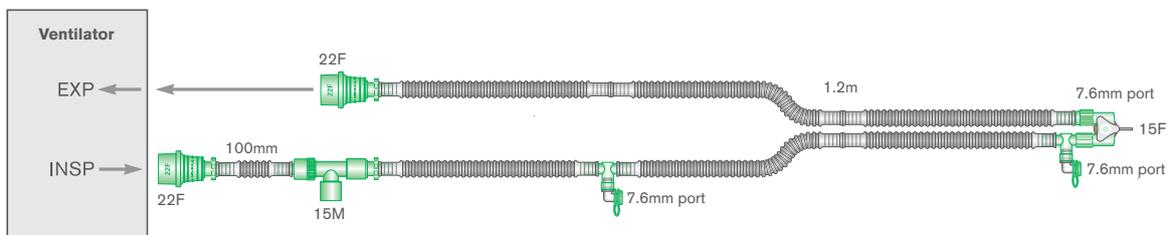
### For use with Pneupac® babyPAC® ventilators



system illustrated

Code	6202	6203
Box qty.	10	12
Tube size	10mm	10mm
System length	1.6m	1.2m

### For use with Pneupac® babyPAC® ventilators with Nitric connectors



Code	6204
Box qty.	15
Tube size	10mm
System length	1.2m

## Neonatal resuscitation systems with variable PEEP device

These 10mm breathing systems are designed for the manual ventilation/resuscitation of new borns in the NICU and obstetric areas. Peak inspiratory pressure and initial PEEP are set prior to use, the PEEP can be easily adjusted by varying the orifice at the patient end of the system without having to adjust the flow rate.

### Neonatal resuscitation systems with variable PEEP device



Code	6430	6433 
Box qty.	15	10
Tube size	10mm	10mm
System length	0.8m	1.2m
Equipment connection 10F	✓	✓
Equipment connection 15M	✓	✓
Equipment connection 15F	✓	✓
Neopuff® connection		✓

### Non adjustable PEEP versions

Code	6354	6315	6356
Box qty.	20	20	15
Tube size	10mm	10mm	10mm
System length	0.8m	1.2m	1.2m
System connections 15M	✓	✓	✓

## Accessories



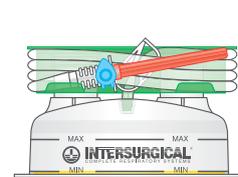
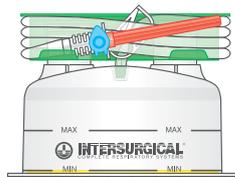
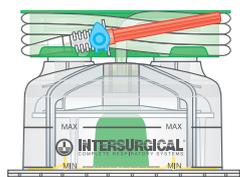
 illustrated



 illustrated

Code	5904 	5905	1912 	1911
Box qty.	1	1	50	55
Size	Adult/Paediatric systems (30mm/22mm/15mm)	Paediatric/Neonatal systems (15mm/10mm)	Large (125ml)	Medium (70ml)
Breathing system tube support	✓	✓		
Self sealing water trap			✓	✓

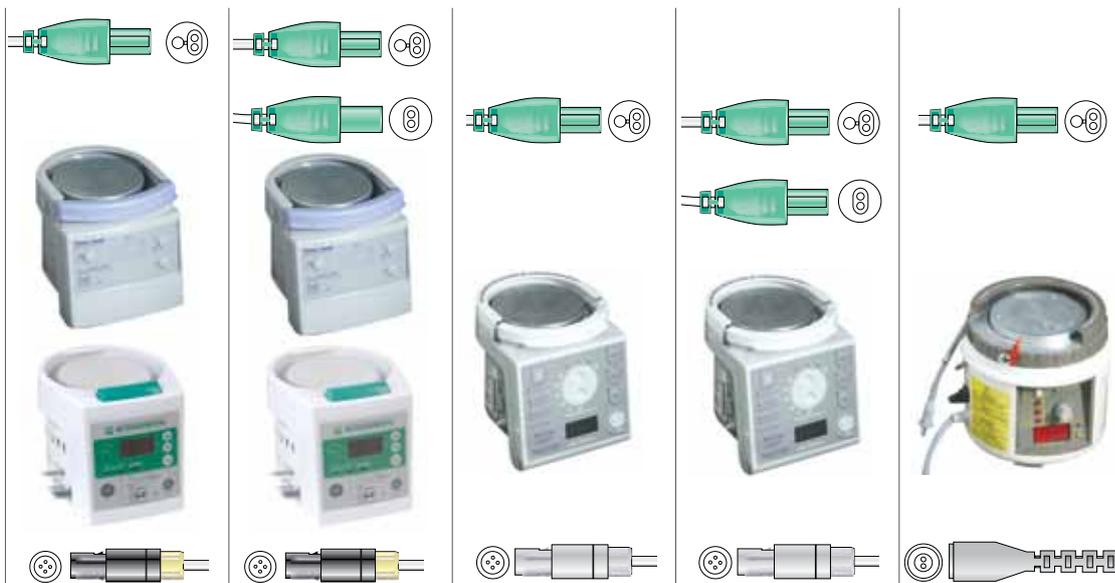
## Humidification chambers



Code	2310	2320	2330
Box qty.	30	30	30
Auto fill	✓		
Manual fill		✓	✓
Low volume			✓
Sterile option code	2310000S		
Sterile box qty.	30		

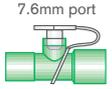
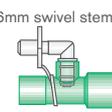
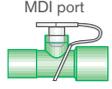
## Electrical adaptor leads

For electrical connection of the heated wire breathing system to the humidifier.



Code	5600	5601	5603	5604	5605
Box qty.	1	1	1	1	1
For use with MR850 or IS 7000	✓	✓			
For use with MR730			✓	✓	
For use with MR500/600					✓
Single heated wire system	✓		✓		✓
Dual heated wire system		✓		✓	

## 15mm Straight connectors

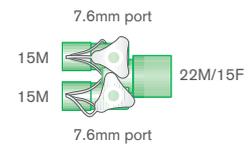
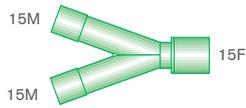
	 15M 15M	 15M 15F	 7.6mm port 15M 15F	 6mm swivel stem 15M 15F	 MDI port 15M 15F	 15F 15F
<b>Code</b>	1945	1946	1947	1948	1947001	1949
<b>Box qty.</b>	40	75	40	50	25	25
<b>Size</b>	15M-15M	15M-15F	15M-15F	15M-15F	15M-15F	15F-15F
<b>7.6mm port</b>			✓			
<b>6mm swivel stem</b>				✓		
<b>MDI port</b>					✓	

	 15M 22M	 15M 22M	 22F 15M	 22F 15F	 Large oxygen stem 6.5mm 22M/15F
<b>Code</b>	1943	1976	1962	1979	1974
<b>Box qty.</b>	40	40	40	75	45
<b>Size</b>	15M-22M	15M-22M	22F-15M	22F-15F	22M/15F
<b>Large oxygen stem 6.5mm</b>					✓

## Elastomeric soft connectors

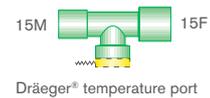
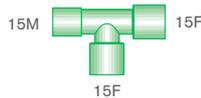
	 22mm lipped or non-ISO connector 22F 15F	 6-9mm spigot 15F	 9-11mm spigot 15F	 22mm lipped or non-ISO connector 22F	 22mm lipped or non-ISO connector 22F	 22mm lipped or non-ISO connector 22F
<b>Code</b>	1701	1702	1703	1704	1705	1706
<b>Box qty.</b>	40	50	50	35	25	35
<b>Size</b>	15F	15F	15F	22F	22F	22F
<b>22mm lipped or non-ISO connector</b>	✓			✓	✓	✓
<b>6-9mm spigot</b>		✓				
<b>9-11mm spigot</b>			✓			

### Y-piece connectors



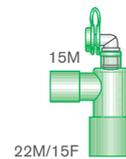
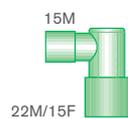
<b>Code</b>	1902	1903
<b>Box qty.</b>	25	25
<b>Size</b>	15M-15F-15M	15M-22M/15F-15M
<b>7.6mm ports</b>		✓

### T-piece connectors



<b>Code</b>	1802	1801
<b>Box qty.</b>	40	40
<b>Size</b>	15M-15F-15F	15M-15F
<b>Draeger® temperature port</b>		✓

### Fixed elbows for direct patient connection



<b>Code</b>	1997	1993	2714	1883
<b>Box qty.</b>	35	35	25	70
<b>Luer lock port</b>			✓	✓
<b>Flip top cap</b>		✓		
<b>7.6mm port</b>		✓		
<b>Sterile option code</b>	1997000S		2714000S	
<b>Sterile box qty.</b>	15		15	

# Airway Management

A range of airway management devices including a comprehensive choice of supraglottic airways. The range also includes guedel airways, endotracheal tubes, laryngoscope blades, breathing filters and HMEFs for the paediatric and neonatal patient.

## **i-gel** supraglottic airway

For securing and maintaining a patent airway in routine and emergency anaesthesia.



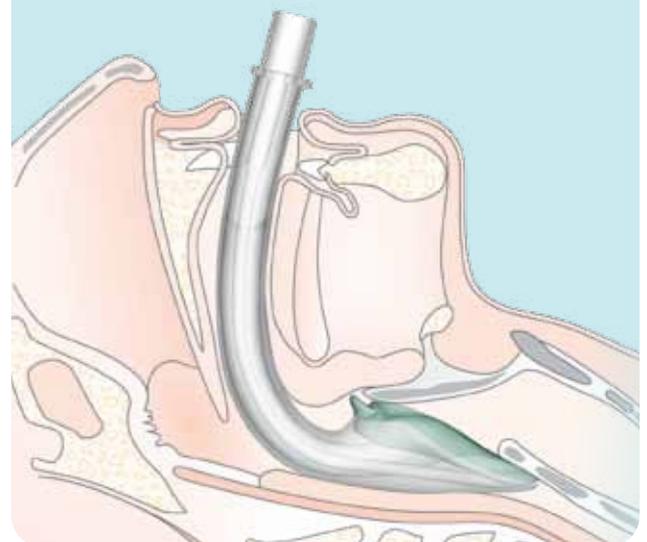
Code	8203	8225	8202	8215	8201
Box qty.	25	10	10	10	10
Size	3	2.5	2	1.5	1
Weight (kg)	30-60	25-35	10-25	5-12	2-5
Patient	small adult	large paediatric	small paediatric	infant	neonate

### The i-gel®

A truly unique, single use, supraglottic airway with a non-inflatable cuff, available in a full range of paediatric sizes. i-gel® incorporates a gastric channel to improve and enhance patient safety, an integral bite block to reduce the possibility of airway channel occlusion and buccal cavity stabiliser to aid insertion and avoid the potential for rotation.

### Accurate and natural positioning

The i-gel® accurately and naturally positions itself over the laryngeal framework, providing a reliable perilaryngeal seal without the need for an inflatable cuff.



[www.i-gel.com](http://www.i-gel.com)

visit [www.i-gel.com](http://www.i-gel.com) for videos, user guides, product information, FAQs and other downloads

## Solus® standard laryngeal mask airway

Single use laryngeal mask airway ideal for use in anaesthesia and emergency medicine.



[www.youtube.com/intersurgical](http://www.youtube.com/intersurgical)



Code	8003	8025	8002	8015	8001
Box qty.	20	20	20	20	20
Size	3	2.5	2	1.5	1
Patient weight (kg)	30-50	20-30	10-20	5-10	<5

## Solus® flexible wire-reinforced laryngeal mask airway

Permits flexing without kinking.



Code	8003001	8025001	8002001
Box qty.	20	20	20
Size	3	2.5	2
Patient weight (kg)	30-50	20-30	10-20

## Solus® MRI safe laryngeal mask airway

With non-ferrous valves guaranteed not to interfere with the magnet in an MRI unit.



Code	8003002	8025002	8002002	8015002	8001002
Box qty.	20	20	20	20	20
Size	3	2.5	2	1.5	1
Patient weight (kg)	30-50	20-30	10-20	5-10	<5

## InTube® cuffed endotracheal tubes

With high volume, low pressure cuff.



Code	8040060	8040055	8040050	8040045
Box qty.	10	10	10	10
Size	6	5.5	5	4.5

## InTube® uncuffed endotracheal tubes



Code	8050060	8050055	8050050	8050045	8050040	8050035
Box qty.	10	10	10	10	10	10
Size	6	5.5	5	4.5	4	3.5

Code	8050030	8050025	8050020
Box qty.	10	10	10
Size	3	2.5	2

## InTube® reinforced endotracheal tubes

With high volume, low pressure cuff.



Code	8060060	8060055	8060050	8060045
Box qty.	10	10	10	10
Size	6	5.5	5	4.5

## One-piece Guedel airways

With colour-coded integral bite block providing a safer choice. Sterile options available.

We have combined two materials with very different physical characteristics in one moulding; this has resulted in the elimination of the separate bite block found in all conventional Guedel Airway designs.

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

As well as improved safety the one-piece design also incorporates a soft tip further reducing the risk of trauma to the patient.



**eco** Lower environmental impact product

Code	1112080	1111570	1111065	1110055	1100050	1000035
Box qty.	100	100	20	25	25	25
Size	<b>2</b> (8.0)	<b>1.5</b> (7.0)	<b>1</b> (6.5)	<b>0</b> (5.5)	<b>00</b> (5.0)	<b>000</b> (3.5)
Colour						
<b>eco</b>	✓	✓	✓	✓	✓	✓
Sterile option code	1112080S	1111570S	1111065S	1110055S	1100050S	1000035S

## Laryngoscope blades

Miller and Macintosh plastic single use laryngoscope blades, compatible with ISO 7376-3 green specification handles.

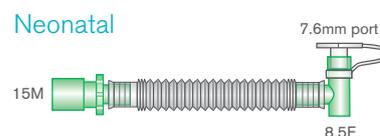
Designed to offer a stronger, safer cost effective solution to help reduce the risk of cross-infection.



Code	7043	7042	7041	7040
Box qty.	40	50	70	70
Size	3	2	1	0
Blade style	Macintosh	Macintosh	Miller	Miller

## Superset® catheter mounts

The Superset range of catheter mounts have a 'concertina' design for total positioning control. This allows the mount to be set in any position required.



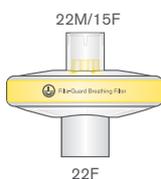
Code	3535	3534
Box qty.	15	25
Length	49-100mm	49-100mm

## Breathing filters & Heat and Moisture Exchanging filters

The Intersurgical range of breathing filters and HMEFs have 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 virus.

### Filta-Guard®

A highly efficient breathing filter designed for use in the intensive care unit and anaesthesia.



Code	1944
Box qty.	70
Bacterial and Viral Filtration efficiency	>99.999%
Resistance to flow at 30L/min	1.1 cm H <sub>2</sub> O
Resistance to flow at 60L/min	2.1 cm H <sub>2</sub> O
Compressible volume	67ml
Weight	40g
Minimum tidal volume	200ml

## Clear-Guard® Midi low volume

A breathing system with minimum dead space; ideal for use in anaesthesia.



<b>Code</b>	1644
<b>Box qty.</b>	100
<b>Luer lock port</b>	✓
<b>Bacterial and Viral Filtration efficiency</b>	>99.9%
<b>Resistance to flow at 30L/min</b>	0.8 cm H <sub>2</sub> O
<b>Resistance to flow at 60L/min</b>	1.7 cm H <sub>2</sub> O
<b>Compressible volume</b>	34ml
<b>Weight</b>	19g
<b>Minimum tidal volume</b>	100ml



## Heat & Moisture Exchanging Filters

Heat and moisture-exchanging filters (HMEF), for use at the patient connection of the breathing system in both anaesthesia and intensive care, for protection of the patient, equipment and environment from cross contamination whilst providing passive humidification.

### Inter-Therm® Mini HMEF



### Clear-Therm® Mini and Micro HMEF



Code	1331000S	1332000S	1831	1441
<b>Box qty.</b>	50	50	40	20
<b>Luer lock port</b>	✓	✓	✓	✓
<b>Moisture return (VT250ml)</b>	30mg H <sub>2</sub> O/L	30mg H <sub>2</sub> O/L	32mg H <sub>2</sub> O/L	
<b>Moisture return (VT25ml)</b>				27mg H <sub>2</sub> O/L
<b>Bacterial &amp; viral efficiency</b>	>99.99%	>99.99%	99.99%	99.99%
<b>Resistance 30L/min</b>	2.1 cm H <sub>2</sub> O	2.2 cm H <sub>2</sub> O	1.6 cm H <sub>2</sub> O	N/A
<b>Resistance 11L/min</b>	N/A	N/A	N/A	1.2 cm H <sub>2</sub> O
<b>Compressible volume</b>	28ml	29ml	28ml	11ml
<b>Weight</b>	20g	19g	22g	11g
<b>Minimum tidal volume</b>	75ml	75ml	75ml	25ml
<b>Angled elbow</b>		✓		
<b>Sterile</b>	✓	✓		

## Anaesthesia

Anaesthetic face masks, breathing systems and accessories for the paediatric and neonatal patient in the operating room, recovery and emergency care.

### QuadraLite® anaesthesia mask

The QuadraLite is a soft and lightweight anaesthesia mask. The anatomical shape, combined with its unique flexible seal, means that only two sizes are required, unlike traditional cushion masks which often require many more for the variety of paediatric faces. This means you can hold less stock to provide a solution for all of your patients.



Code	7192	7191
Box qty.	25	30
Mask size	2-3	0-1
Patient size	Small	Infant
Connection size	22F	15M
Colour code	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hook ring	✓	
	✓	✓



Lower environmental impact product



[www.intersurgical.com/info/quadralite](http://www.intersurgical.com/info/quadralite)

### EcoMask® Mk.II

Clear non-PVC masks with a colour-coded seal.



Lower environmental impact product

Code	7093	7092	7091	7090
Box qty.	35	25	35	40
Mask size	3	2	1	0
Patient size	Small	Paediatric	Infant	Neonatal
Connection size	22F	22F	15M	15M
Colour code	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hook ring	✓	✓		
	✓	✓	✓	✓

## Scented face masks

In a range of sizes and scents.



Code	1123	1122	1129	1121
Box qty.	50	35	35	32
Mask size	3	2	2	1
Patient size	Small	Paediatric	Paediatric	Infant
Connection size	22F	22F	22F	15M
Scent	Vanilla	Cherry	Strawberry	Cherry
Colour code				
Hook ring	✓	✓	✓	✓

Code	1128	1120	1127
Box qty.	32	40	40
Mask size	1	0	0
Patient size	Infant	Neonatal	Neonatal
Connection size	15M	15M	15M
Scent	Strawberry	Cherry	Strawberry
Colour code			
Hook ring	✓	✓	✓

## Economy masks

With colour-coded hook rings.



Code	1514	1513	1512	1511
Box qty.	50	35	40	50
Mask size	3	2	1	0
Patient size	Small	Paediatric	Infant	Neonatal
Connection size	22F	22F	15M	15M
Colour code				
Hook ring	✓	✓	✓	✓

## Reprocessable anatomical masks



Code	8923	8823	8922	8822
Box qty.	1	1	1	1
Mask size	3	3	2	2
Patient size	Small	Small	Paediatric	Paediatric
Connection size	22F	22F	22F	22F
Hook ring		✓		✓

Code	8921	8821	8920	8820
Box qty.	1	1	1	1
Mask size	1	1	0	0
Patient size	Infant	Infant	Neonatal	Neonatal
Connector size	22F	22F	22F	22F
Hook ring		✓		✓

## Reprocessable ClearFlex®

Silicone masks.



Code	8749003	8749002	8749001	8749
Box qty.	1	1	1	1
Mask size	3	2	1	0
Patient size	Small	Paediatric	Infant	Neonatal
Connection size	22F	22F	22F	22F

## Reprocessable ClearFlex® Economy

Silicone masks.



Code	8848003	8848002	8848001	8848
Box qty.	5	5	5	5
Mask size	3	2	1	0
Patient size	Small	Paediatric	Infant	Neonatal
Mask type	Anatomical	Cylindrical	Cylindrical	Cylindrical
Connection size	22F	22F	15M	15M
Hook ring	✓			

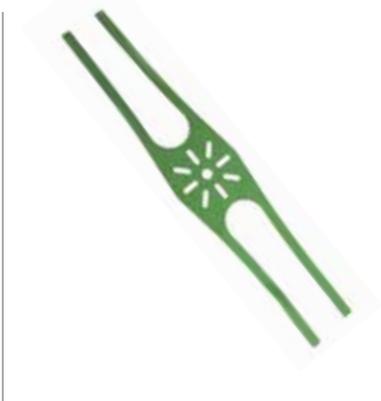
## Reprocessable Rendell Baker

Silicone masks.



Code	8748014	8748013	8748012	8748011
Box qty.	1	1	1	1
Mask size	3	2	1	0
Patient size	Paediatric	Paediatric	Infant	Neonatal
Connection size	22F	22F	22F	22F

## Reprocessable anaesthetic face mask accessories



Code	8740008
Box qty.	1
Four point head harness size	Paediatric

## Bronchoscopy Mask With colour-coded hook rings

The masks are designed to allow easy insertion of a scope probe into the nose or mouth whilst administering an analgesic gas at the same time.

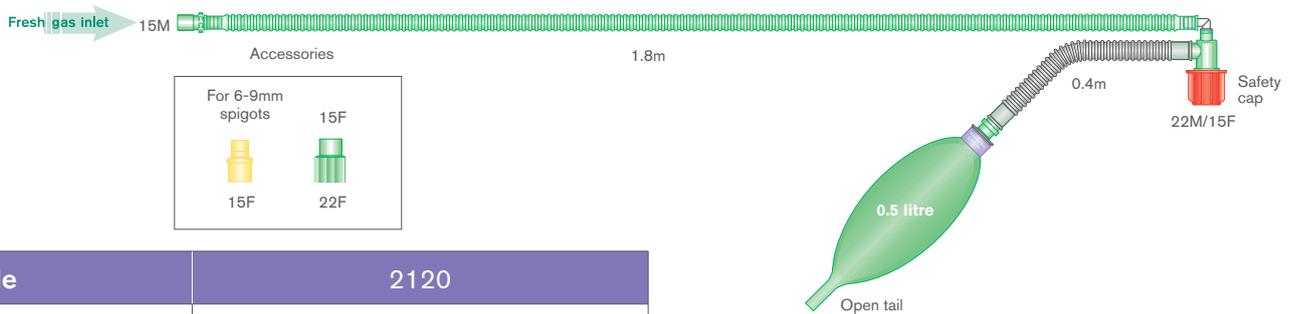


Code	1593	1592	1591
Box qty.	50	35	40
Mask size	3	2	1
Patient size	Small adult	Paediatric	Infant
Connection size	22F	22F	15M
Colour code	<span style="display: inline-block; width: 15px; height: 15px; background-color: yellow;"></span>	<span style="display: inline-block; width: 15px; height: 15px; border: 1px solid black;"></span>	<span style="display: inline-block; width: 15px; height: 15px; background-color: gray;"></span>
Hook ring	✓	✓	✓

## Paediatric anaesthetic breathing systems

### Mapleson F infant T-piece system

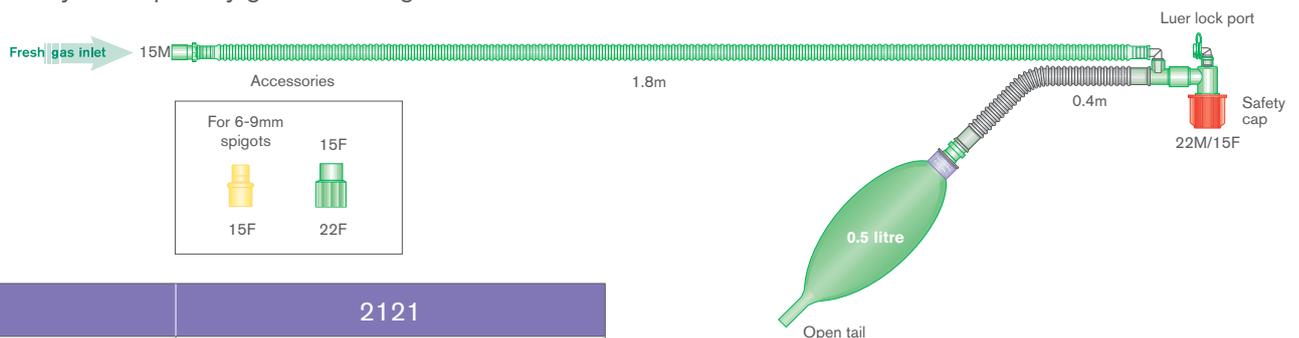
With minimal deadspace and resistance to flow. Ideal for spontaneous breathing or manually ventilated infants.



<b>Code</b>	2120
<b>Box qty.</b>	15
<b>Open tail bag</b>	0.5L
<b>System length</b>	1.8m

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

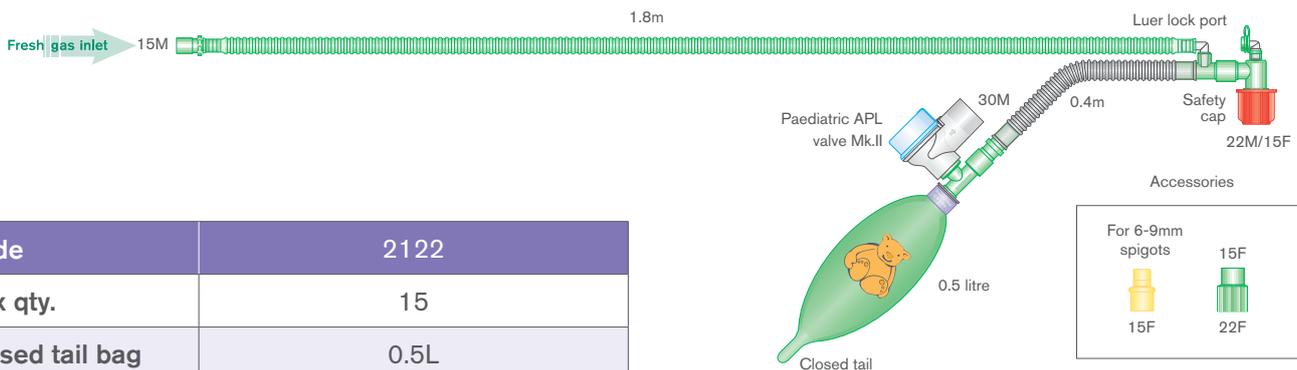
With minimal deadspace and resistance to flow. Ideal for spontaneous breathing or manually ventilated infants with the facility for respiratory gas monitoring.



<b>Code</b>	2121
<b>Box qty.</b>	15
<b>Open tail bag</b>	0.5L
<b>System length</b>	1.8m
<b>Sterile option code</b>	2121000S
<b>Sterile Box qty.</b>	12

### Infant T-piece system

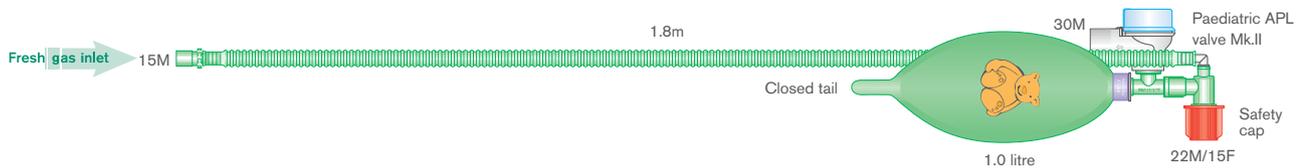
A modification of the Jackson-Rees system, offering the facility to scavenge waste gases effectively, which is difficult with a conventional Jackson-Rees system, and a respiratory gas monitoring port.



<b>Code</b>	2122
<b>Box qty.</b>	15
<b>Closed tail bag</b>	0.5L
<b>System length</b>	1.8m

### T-piece system for direct gas delivery

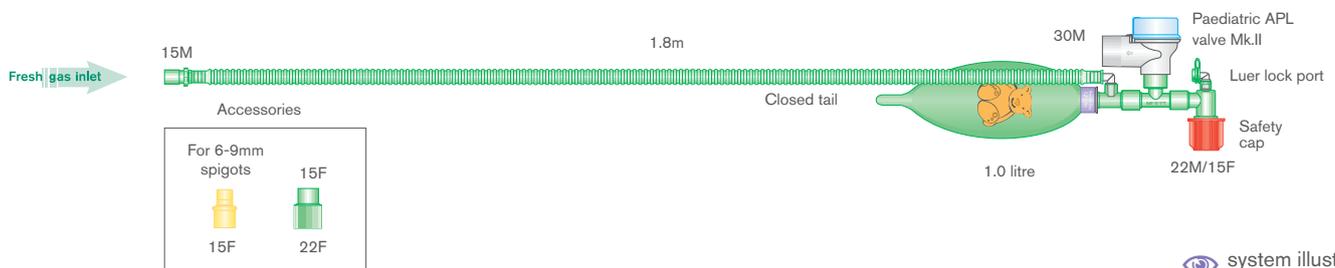
With low dead space, this system provides a fast response time to change in anaesthetic and the facility to scavenge waste gases effectively.



<b>Code</b>	2123
<b>Box qty.</b>	15
<b>Closed tail bag</b>	1L
<b>System length</b>	1.8m
<b>Sterile option code</b>	2123000S
<b>Sterile Box qty.</b>	12

### Bagging systems

Paediatric variants of the Mapleson C. Ideal for emergency bagging use, with a 0.5 or 1 litre bag and facility to measure respiratory gases.

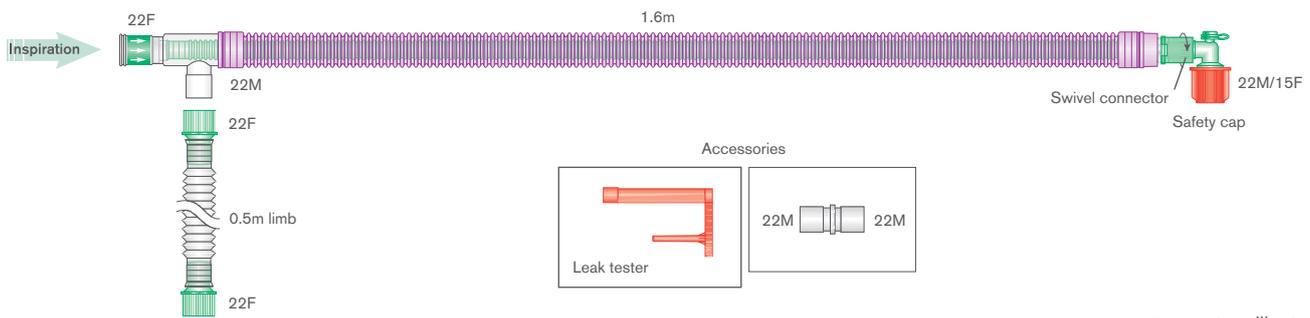


system illustrated

<b>Code</b>	2124	2126
<b>Box qty.</b>	15	15
<b>Closed tail bag</b>	0.5L	1L
<b>System length</b>	1.8m	1.8m
<b>Sterile option code</b>	2124000S	
<b>Sterile Box qty.</b>	12	

## UniFlow® coaxial breathing systems

Basic coaxial Flextube® breathing systems with leak tester. These systems are validated for use with patients from 5kg.

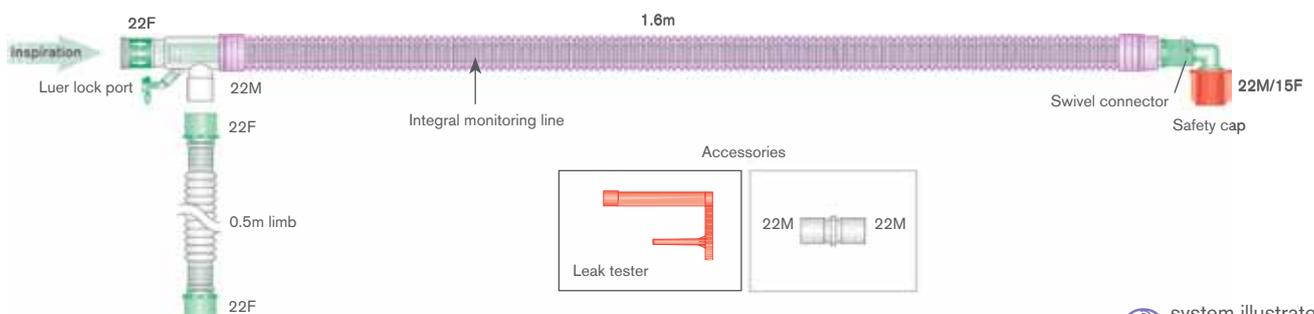


system illustrated

Code	2900	2900100	2901	2901100
Box qty.	12	12	10	10
System length	1.6m	1.6m	2.4m	2.4m
Anti-microbial		✓		✓
Extra limb	0.5m	0.5m	0.5m	0.5m
Sterile option code	2900000S			
Sterile Box qty.	10			

## UniFlow® coaxial breathing systems

Basic coaxial Flextube® breathing systems with integral monitoring line and leak tester. These systems are validated for use with patients from 5kg.

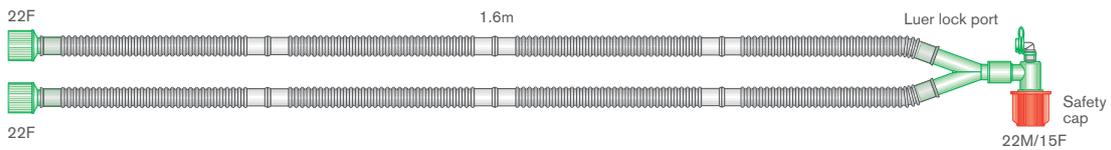


system illustrated

Code	2902	2902100	2903	2903100
Box qty.	12	12	10	10
System length	1.6m	1.6m	2.4m	2.4m
Anti-microbial		✓		✓
Extra limb	0.5m	0.5m	0.5m	0.5m
Integral monitoring line	✓	✓	✓	✓
Sterile option code	2902000S			
Sterile Box qty.	10			

## Circle 15mm breathing systems

Basic breathing systems.



system illustrated

<b>Code</b>	2142	2143
<b>Box qty.</b>	10	10
<b>System length</b>	1.6m	1.6m
<b>Resealable water trap</b>		✓

## Tube management clip system

Don't trip, clip!

Our new tube management clip system keeps the patient tubing in a convenient location between patients, preventing unnecessary contamination.



[www.youtube.com/intersurgical](http://www.youtube.com/intersurgical)



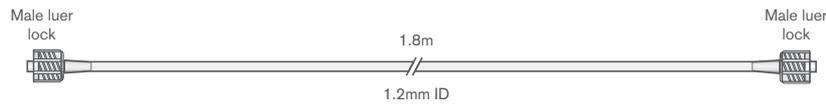
<b>Code</b>	2316
<b>Box qty.</b>	12

## Single use reservoir bags



<b>Code</b>	2810	2812	2811	2806	2805
<b>Box qty.</b>	10	10	10	10	10
<b>Reservoir bag size</b>	1L	1L	1L	0.5L	0.5L
<b>Neck size</b>	22F	15F	15F	15F	15F
<b>Teddy bear motif</b>		✓		✓	

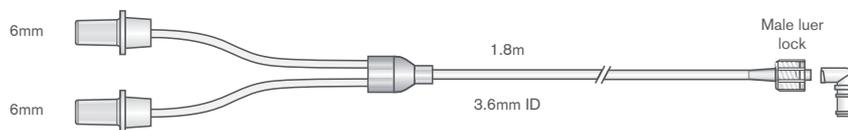
## Respiratory gas monitoring lines for anaesthetic agent and CO<sub>2</sub>



system illustrated

Code	2737	2725	2732	2734	2731
Box qty.	40	20	20	30	20
1.2mm ID	✓	✓	✓	✓	✓
Luer lock fittings	Male/Male	Male/Male	Male/Male	Male/Male	Female/Male
Length	0.7m	1.8m	2.45m	3.0m	1.8m

## Pressure monitoring line kits for use with standard 7.6mm ports



system illustrated

Code	2720	2721	2722	2723
Box qty.	10	10	10	10
3.6mm ID	✓	✓	✓	✓
Connections	Male luer taper / Male luer lock	2 x 6mm / Male luer lock	Male luer taper & normal line / Male luer lock	6mm / Male luer lock
Length	1.8m	1.8m	1.8m	1.8m

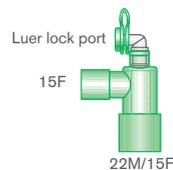
## Monitoring connectors



Luer elbow connector  
7.6mm



Luer lock port  
15M 22M/15F



Luer lock port  
15F 22M/15F



Monitoring line hydrophobic filter

Code	2710	2713	2714	2715
Box qty.	25	25	25	50
Luer lock port		✓	✓	
Connections	7.6mm	15M-22M/15F	15F-22M/15F	
Connector type	Luer elbow			Hydrophobic filter

## Reprocessable reservoir bags



Code	8911	8910
Box qty.	1	1
Reservoir bag size	1L	0.5L
Neck size	22F	15F
Tail loop	✓	✓

## Reprocessable clear paediatric connectors and system accessories



15M



22F



22M/15F



22M/15F

Code	9121	9122	9123	9124
Box qty.	10	10	5	5
Connections	15M-15M	22F-15M	22M/15F-15M	22M/15F-15M
Connector type	Straight	Straight	Y-piece	Y-piece
Ports				✓



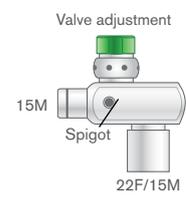
22M



22M/15F



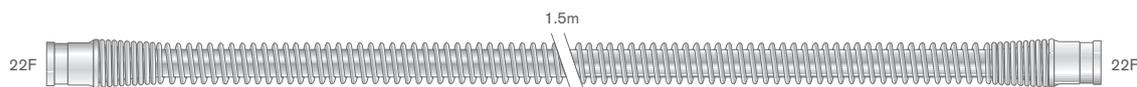
22M/15F



22F/15M

Code	9130	9131	9134	8708801
Box qty.	5	5	5	1
Connections	22M-8mm spigot	22M/15F-15M	22M/15F-15M	15M-22M/15F
Connector type	Straight	Elbow	T-piece	Paediatric Elbow Expiratory Valve
8mm Spigot	✓	✓	✓	✓
Expiratory Valve				✓

## Reprocessable clear silicone tube

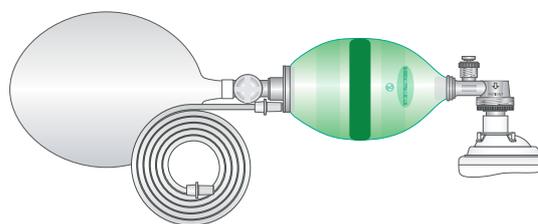


 system illustrated

Code	9317000	9318000	9319000	9320000 
Box qty.	1	1	1	1
System length	0.6m	0.8m	1.1m	1.5m
Paediatric 15mm	✓	✓	✓	✓

## Emergency care

Self-inflating resuscitation systems (BVM).



For PEEP valves see main product catalogue.

Code	7151	7154	7150	Code	7160	7161
Box qty.	5	5	5	Box qty.	20	10
Patient	Child	Child	Infant	Accessory	Inline manometer for use with self-inflating resuscitation systems (BVM)	PEEP valve adaptor for use with self-inflating resuscitation systems (BVM)
Mask size	3	1	1			
Bag size	550ml	550ml	280ml			
Pressure relief valve (40cm H <sub>2</sub> O)	✓	✓	✓			

## Oxygen and aerosol therapy

A range of products for the delivery of fixed and variable concentration oxygen therapy, aerosol and nebulisation therapy.

### Nasal Cannulae



Nasal cannulae for the delivery of supplementary oxygen therapy, available with curved prongs for optimum comfort and fit. Now available phthalate free to address the concerns of high levels of DEHP exposure that can occur in NICUs.



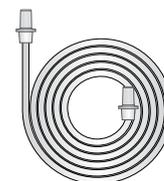
Code	1160000	1160001	1160002
Box qty.	50	50	50
Size	Premature	Neonatal	Infant
Prong type	Curved prong	Curved prong	Curved prong
Tube length	2.1m	2.1m	2.1m
Tubing	✓	✓	✓
Phthalate Free	✓	✓	✓

### Medium concentration oxygen masks

Paediatric medium concentration oxygen masks. The new Paediatric Eco oxygen mask is a comfortable, lightweight design with a reduced environmental impact.



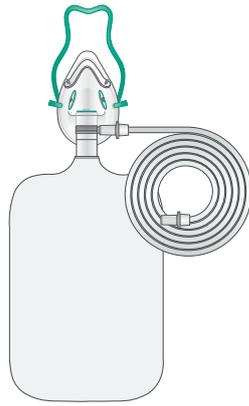
[www.intersurgical.com/ecorange](http://www.intersurgical.com/ecorange)



Code	1190015	1196015	1140	1146
Box qty.	42	40	50	50
Tube length		1.8m		2.1m
Nose Clip	Integral	Integral		
	✓	✓		

## Paediatric High concentration oxygen mask

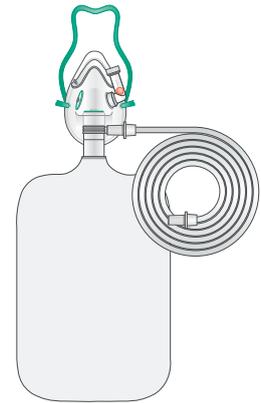
For the treatment of acute hypoxia.



<b>Code</b>	1192
<b>Box qty.</b>	40
<b>Size</b>	Paediatric
<b>Tube length</b>	2.1m

## Respi-Check®

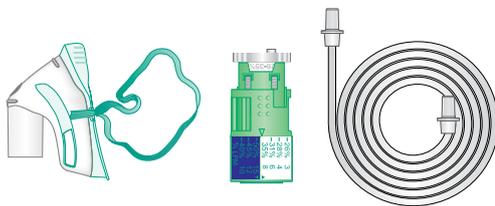
Breathing indicator mask for the accurate measurement of respiratory rate.



<b>Code</b>	1292
<b>Box qty.</b>	20
<b>Size</b>	Paediatric
<b>Tube length</b>	2.1m

## Paediatric Silente Eco Mask Kit

An adjustable venturi valve delivering accurate oxygen concentrations at very low noise levels.



<b>Code</b>	1138015
<b>Box qty.</b>	40
<b>Size</b>	Paediatric
<b>Tube length</b>	1.8m
<b>eco</b>	✓

## Tracheostomy Mask

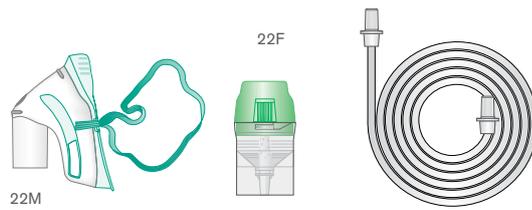


<b>Code</b>	1206
<b>Box qty.</b>	35
<b>Size</b>	Paediatric



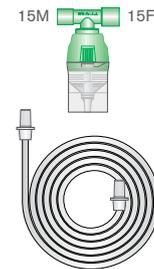
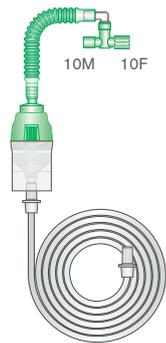
## Cirrus® 2 Nebuliser

The Cirrus® 2 nebuliser for tracheobronchial deposition with minimal residual volume reducing drug wastage.



<b>Code</b>	<b>1454015</b>
Box qty.	36
Paediatric kit	✓
Nose clip	Integral
Tube length	1.8m
<b>eco</b>	✓

## Cirrus® 2 Breathing system T-piece kit



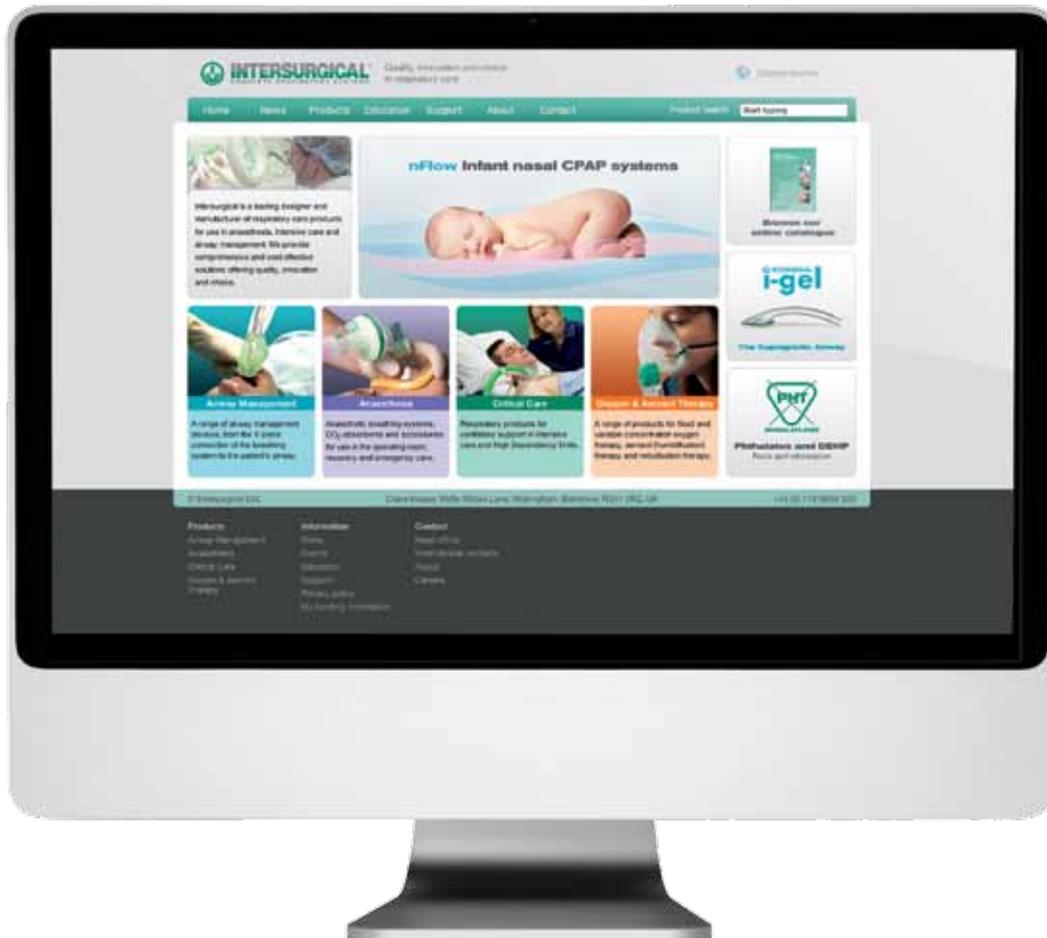
<b>Code</b>	<b>2608</b>	<b>2606</b>
Box qty.	45	35
Size	10mm	15mm
Tube length	1.8m	1.8m
T-kit	✓	✓

## Cirrus® Neonatal Nebulisation Bagging Kit



<b>Code</b>	<b>2507</b>
Box qty.	20
Size	10mm

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**International site:** [www.intersurgical.com](http://www.intersurgical.com)

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**Head Office**

Crane House, Molly Millars Lane,  
Wokingham, Berkshire, RG41 2RZ, UK

T: +44 (0) 118 9656 300

F: +44 (0) 118 9656 356

[info@intersurgical.com](mailto:info@intersurgical.com)

[www.intersurgical.com](http://www.intersurgical.com)

Distributor:

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