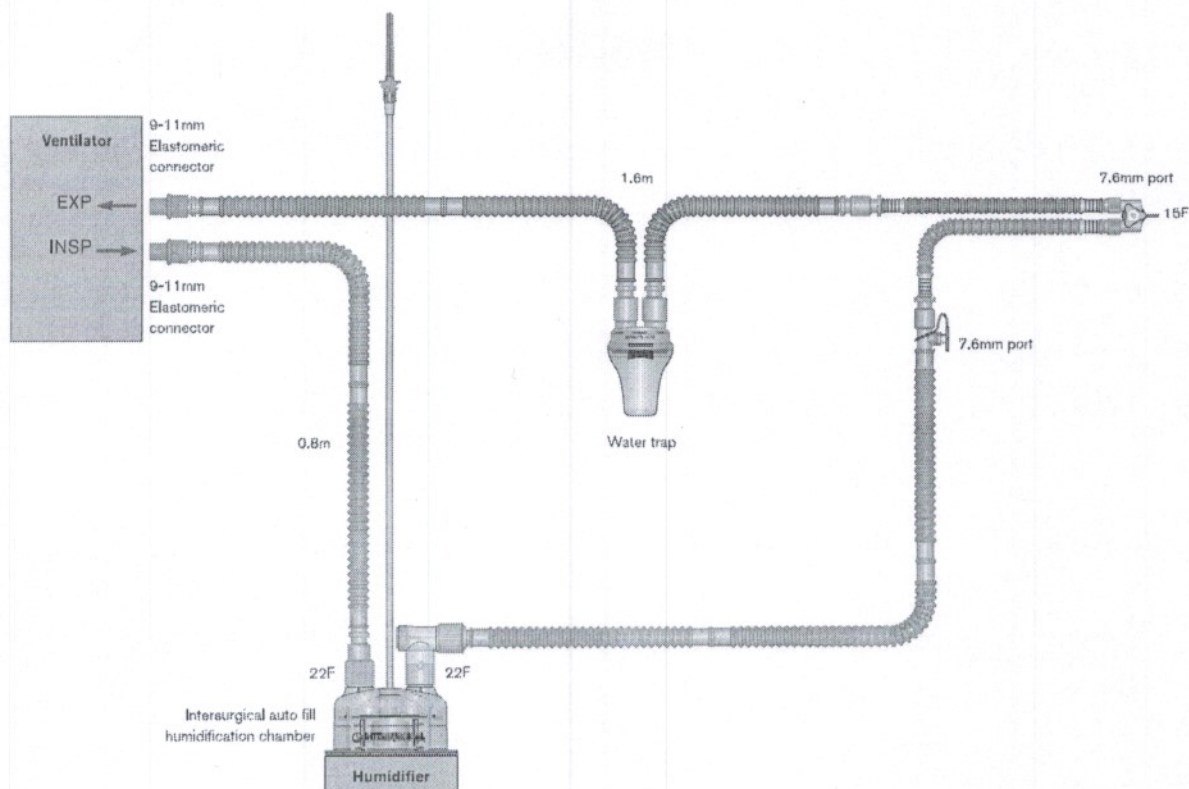


# Breathing systems for use with Draeger® - Babylog® 8000 ventilator

## 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

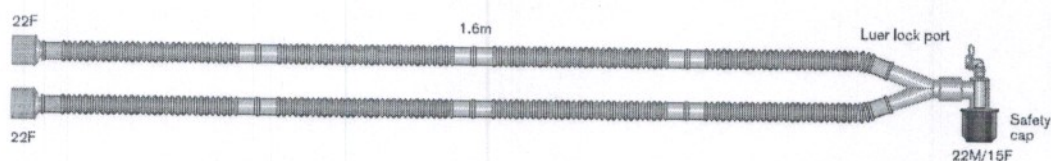
Code	4515850
Box qty.	10
Tube size	15mm
System length	1.6m
For use with angled flow sensor	✓
For use with straight flow sensor	✓





## Circle 15mm breathing systems

Basic breathing systems.



system illustrated

Code	2142	2143
Box qty.	10	10
System length	1.6m	1.6m
Resealable water trap		✓

## 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.

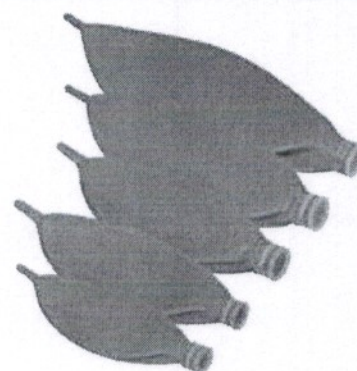


[www.youtube.com/intersurgical](http://www.youtube.com/intersurgical)

Code	2316
Box qty.	12



## Single use reservoir bags



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



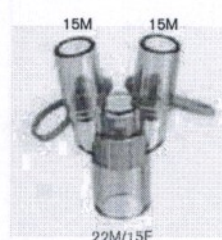
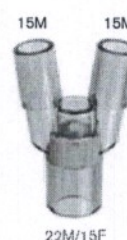
## Reprocessable reservoir bags



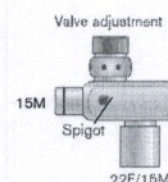
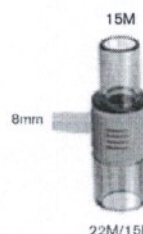
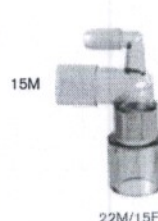
Code	8911	8910
Box qty.	1	1
Reservoir bag size	1L	0.5L
Neck size	22F	15F
Tail loop	✓	✓



## Reprocessable clear paediatric connectors and system accessoires



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				✓



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				✓



## Air-Guard™

### For use in respiratory systems and oxygen concentrators

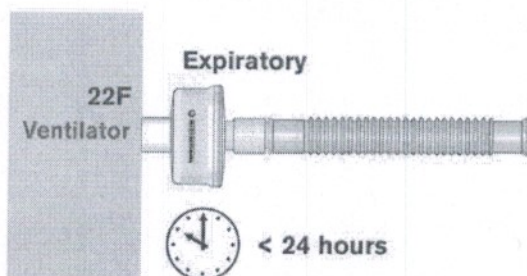
The Intersurgical Air-Guard is a hydrophobic pleated mechanical filter for the protection of oxygen concentrators and other respiratory equipment.

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

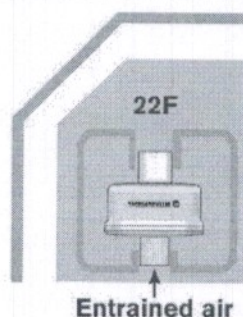
The Air Guard pleated mechanical filter is validated for 24-hours use but this can be extended when used in non-humidified gas flow. The product can be used for extended periods of time for the protection of oxygen concentrators, upon the discretion of the clinician.

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

#### Respiratory system protection



#### Oxygen concentrator protection



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

Make an enquiry



**S** Sterile option available

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





## Compact™ extendable anaesthetic breathing systems providing a versatile solution

### Optimum compression

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

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

### Low resistance to flow

Designed with a shallow profile resulting in more laminar gas flow and lower resistance to flow. At 60 L/min, resistance to flow of the extended tube is 1.0 cm H<sub>2</sub>O per metre.

### Lightweight system

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

### Low compliance

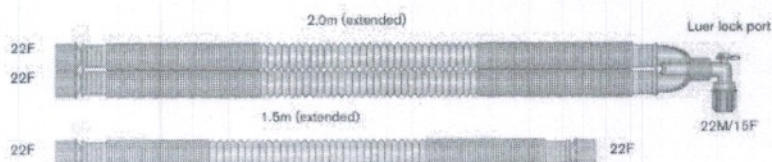
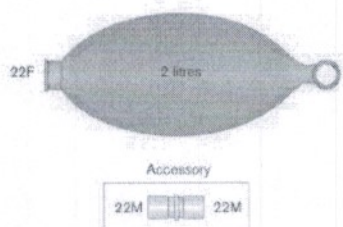
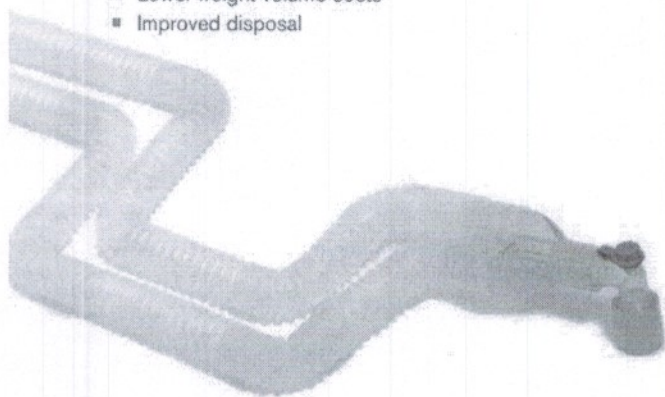
The compliance of the Compact system tube when extended is 4.4ml/kpa per metre of tube, which is less than that required in the ISO 5367:2000 standard.

### Adjustable length

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

### Easy positioning

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



system illustrated

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

Make an enquiry

Sterile option available

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

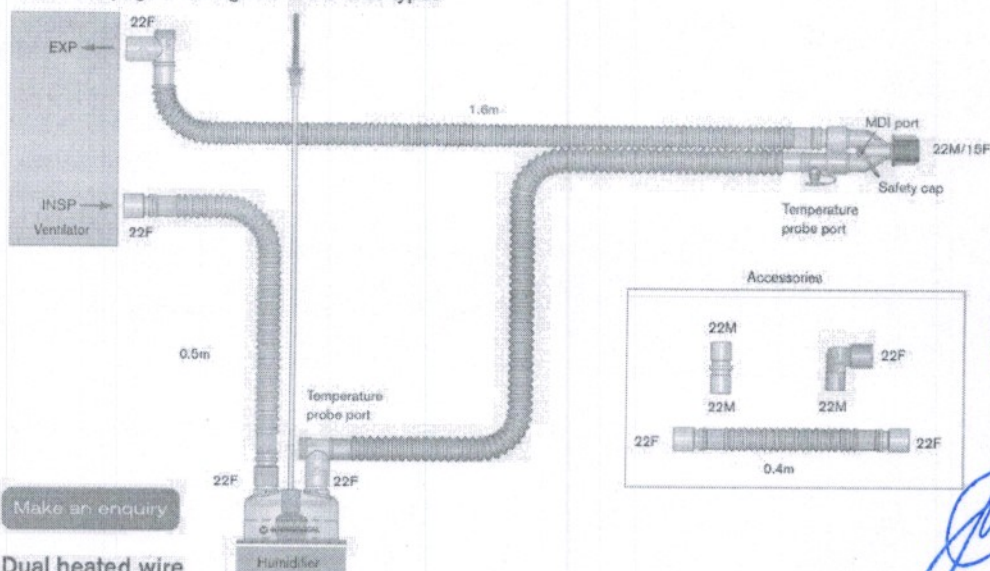


## Flextube™ breathing systems for active humidification with heated wire

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

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

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



### Dual heated wire

Code	Description	Box Qty.
2026000	22mm Flextube dual heated wire breathing system with 0.5m limb, 1.6m	10
2026310 (S*)	22mm Flextube dual heated wire breathing system with auto fill chamber and 0.5m limb, 1.6m	7 (6*)
2026100	22mm Silver Knight anti-microbial Flextube dual heated wire breathing system with 0.5m limb, 1.6m	10
2026131	22mm Silver Knight anti-microbial Flextube dual heated wire breathing system with auto fill chamber and 0.5m limb, 1.6m	7
4525850	15mm Flextube dual heated wire breathing system with ported Y-piece and 0.5m limb, 1.6m	15
6392810	10mm Flextube dual heated wire breathing system with swivel Y-piece, auto fill chamber and 0.5m limb, 1.6m	7

### Single heated wire

Code	Description	Box Qty.
2025000	22mm Flextube single heated wire breathing system with water trap and 0.5m limb, 1.6m	10
2025310 (S*)	22mm Silver Knight anti-microbial Flextube single heated wire with water trap, auto fill chamber and 0.5m limb, 1.6m	7 (5*)
2025100	22mm Silver Knight anti-microbial Flextube single heated wire breathing system with water trap and 0.5m limb, 1.6m	10
2025131	22mm Silver Knight anti-microbial Flextube single heated wire breathing system with auto fill chamber and 0.5m limb, 1.6m	7
4504810	15mm Flextube single heated wire breathing system with water trap, ported Y-piece, auto fill chamber and 0.5m limb, 1.6m	7
6091810	10mm Flextube single heated wire breathing system with neonatal water trap, swivel Y-piece, auto fill chamber, 20 optional 22mm machine end connectors and 0.5m limb, 1.6m	20

Sterile option available Silver Knight - please see more information on page 56

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



## Intersurgical EcoLite™ aerosol face masks

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



illustrated

Code	Description	Connectors	Box Qty.
1188015	Intersurgical EcoLite, adult, aerosol mask	22F	50
1198015	Intersurgical EcoLite, paediatric, aerosol mask	22F	42
1108000	Adult, aerosol mask with nose clip	22F	70
1198000	Paediatric, aerosol mask with nose clip	22F	50

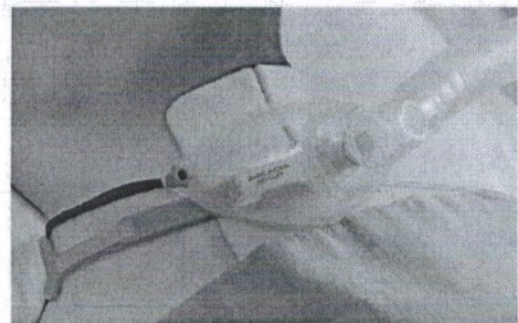
[Make an enquiry](#)

## Tracheostomy masks and T-pieces

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

Because we don't use any PVC the environmental impact is significantly less than conventional masks, in fact 82% less.

Video available at [www.intersurgical.com](http://www.intersurgical.com)



illustrated

Code	Description	Connectors	Box Qty.
1200050	Intersurgical EcoLite, adult, tracheostomy mask	22M	30
1206000	Paediatric, tracheostomy mask	22M	35
1980000	Tracheostomy T-piece	22M-22M-22M/15F	25
1984000	Tracheostomy T-piece with 7.6mm port	22M-22M-22M/15F	25

[Make an enquiry](#)



Lower environmental impact product



[Contact us](#)

[info@intersurgical.com](mailto:info@intersurgical.com) • [www.intersurgical.com](http://www.intersurgical.com)



## Aerosol therapy accessories

A range of accessories for aerosol therapy.



1966001



1964001



1947001



1947003



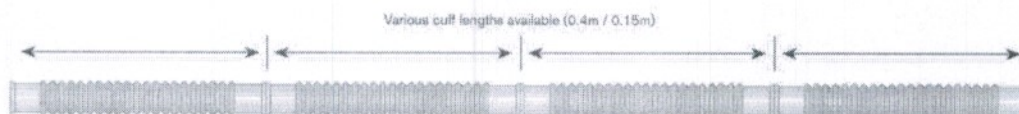
1953000

Code	Description	Connectors	Box Qty.
1966001	Straight connector	22M-MDI port-22M	25
1964001	Straight connector	22M-MDI port away from patient-22F	25
1947001	Straight connector	15M-MDI port away from patient-15F	25
1947003	Straight connector	15M-MDI port towards from patient-15F	25
1953000	Anti-pollution T-piece directional valve	22F-22MV-22M	25

Make an enquiry

## Aerosol tubing

A range of 15mm and 22mm Flextube™ available with various cuff lengths for use within aerosol therapy.




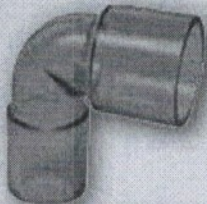

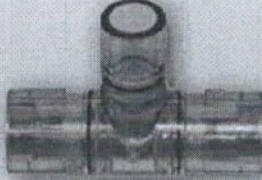

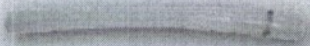
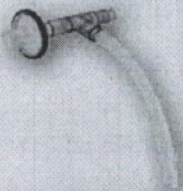
Code	Description	Length	Box Qty.
1528000	22mm Flextube	1.6m lengths	30
1574000	22mm Flextube	50m roll cuffed at 0.4m	1
1574900	22mm Flextube	50m roll cuffed at 0.4m	5
1573000	22mm Flextube	50m roll cuffed at 0.15m	1
1576000	15mm Flextube	50m roll cuffed at 0.4m	1
1575000	15mm Flextube	50m roll cuffed at 0.15m	1

Make an enquiry





### HFO (HOCH-FREQUENZ-OSZILLATION)-SCHLAUCHSYSTEM / HFO (HIGH-FREQUENCY OSCILLATION) HOSE SYSTEM

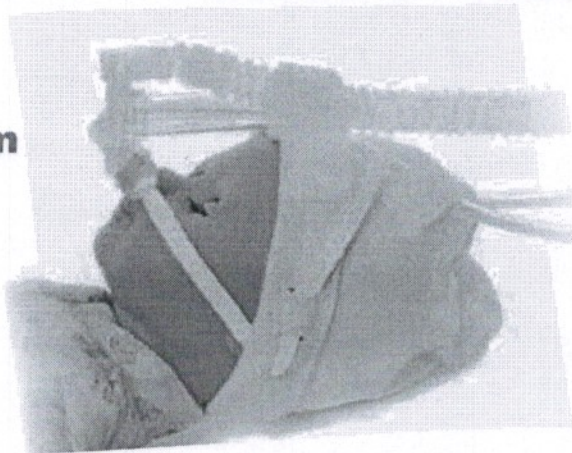
Abbildung	Art.-Nr.	Beschreibung	Description
	0217112	HFO Einwegschlauchsystem geeignet für folgende Schlauchsystem (RT235, RT265, 260185) Ventilator: Leoni plus Nur zum Einmalgebrauch geeignet Patientengruppe: Pädiatrie bis 30 kg	HFO disposable hose system suitable for the following hose systems (RT235, RT265, 260185) Ventilator: Leoni plus For single use only Patient group: Paediatrics up to 30 kg
	0045009	90 Grad Konnektor für HFO-Mehrwegsystem Ventilator: Leoni plus wiederverwendbar Patientengruppe: Pädiatrie bis 30 kg	90-degree angle connector for HFO reusable system Ventilator: Leoni plus Reusable Patient group: Paediatrics up to 30 kg
	0122030-1	Bakterienfilter für HFO Schlauchsysteme Ventilator: Leoni plus Nur zum Einmalgebrauch geeignet Patientengruppe: Pädiatrie bis 30 kg	Bacteria filter for HFO hose systems Ventilator: Leoni plus For single use only Patient group: Paediatrics up to 30 kg
	0045005	T-Konnektor für HFO-Mehrwegschlauchsystem Ventilator: Leoni plus wiederverwendbar Patientengruppe: Pädiatrie bis 30 kg	T-connector for HFO reusable hose system Ventilator: Leoni plus Reusable Patient group: Paediatrics up to 30 kg
	0217111	Konnektor gerade 15 mm A.D. / 9-11 mm A.D. Ventilator: Leoni plus wiederverwendbar Patientengruppe: Pädiatrie bis 30 kg	Straight connector, 15 mm OD/9-11 mm OD Ventilator: Leoni plus Reusable Patient group: Paediatrics up to 30 kg
	0217114	Konnektor gerade 15 mm A.D. / 9-11 mm A.D. mit Schlauchanschluss zwischen T-Konnektor und Expirationsventil Ventilator: Leoni plus wiederverwendbar Patientengruppe: Pädiatrie bis 30 kg	Straight connector, 15 mm OD/9-11 mm OD Includes hose connection between T-connector and expiration valve Ventilator: Leoni plus Reusable Patient group: Paediatrics up to 30 kg
	0217017	HFO Mehrwegschlauchsystem geeignet für folgende Schlauchsysteme: 271.052, 900MR782 Ventilator: Leoni plus wiederverwendbar Patientengruppe: Pädiatrie bis 30 kg	HFO reusable hose system suitable for the following hose systems: 271.052, 900MR782 Ventilator: Leoni plus Reusable Patient group: Paediatrics up to 30 kg





# 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.

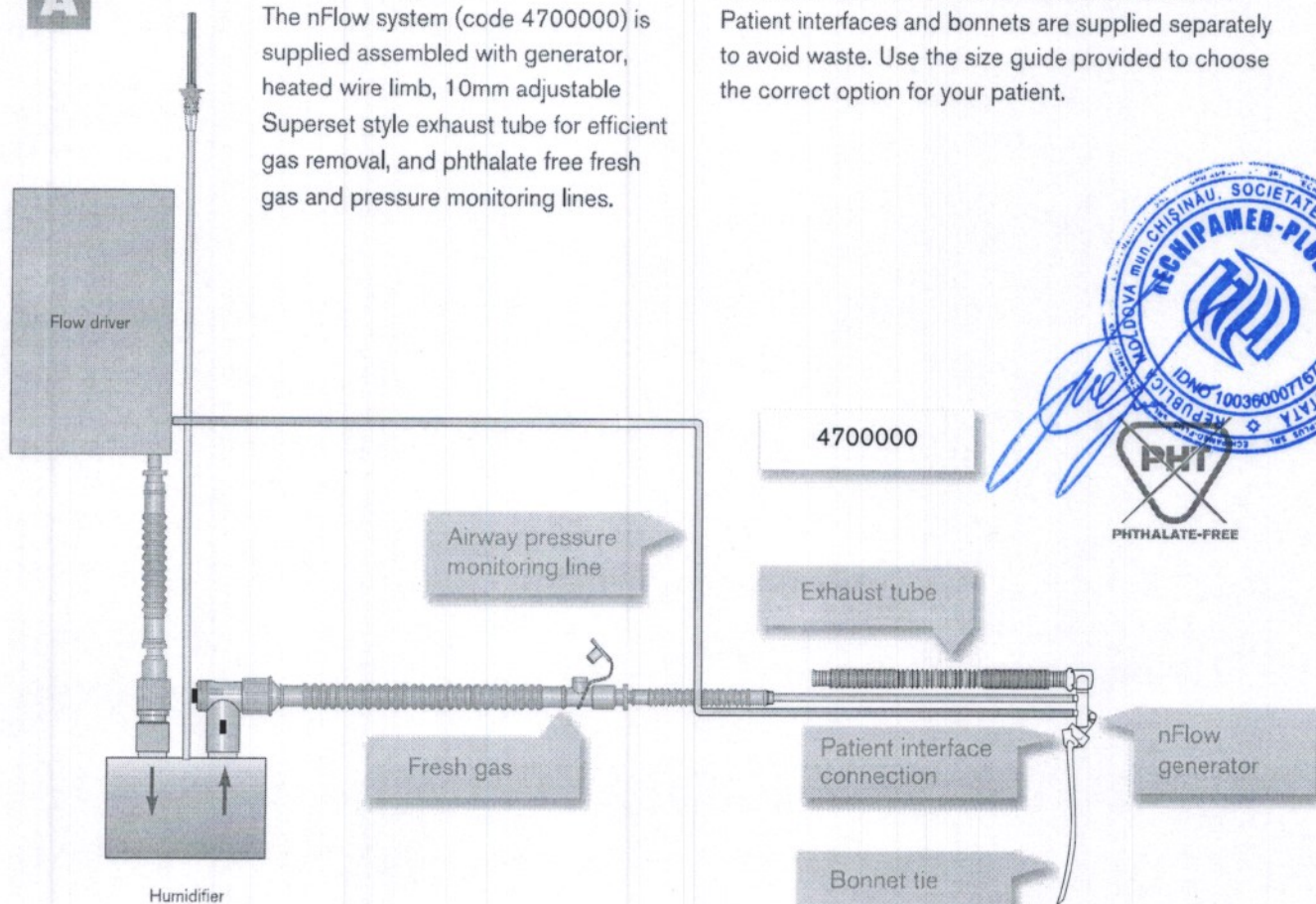

**A**

## The nFlow system

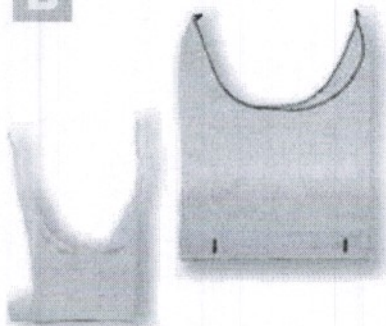
The nFlow system (code 4700000) is supplied assembled with generator, heated wire limb, 10mm adjustable Superset style exhaust tube for efficient gas removal, and phthalate free fresh gas and pressure monitoring lines.

## 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**

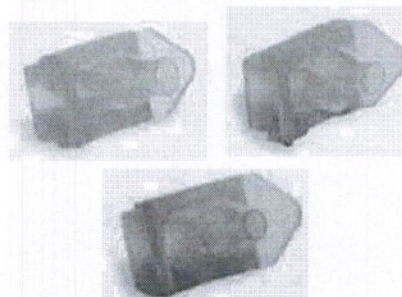
## Bonnets


**C**

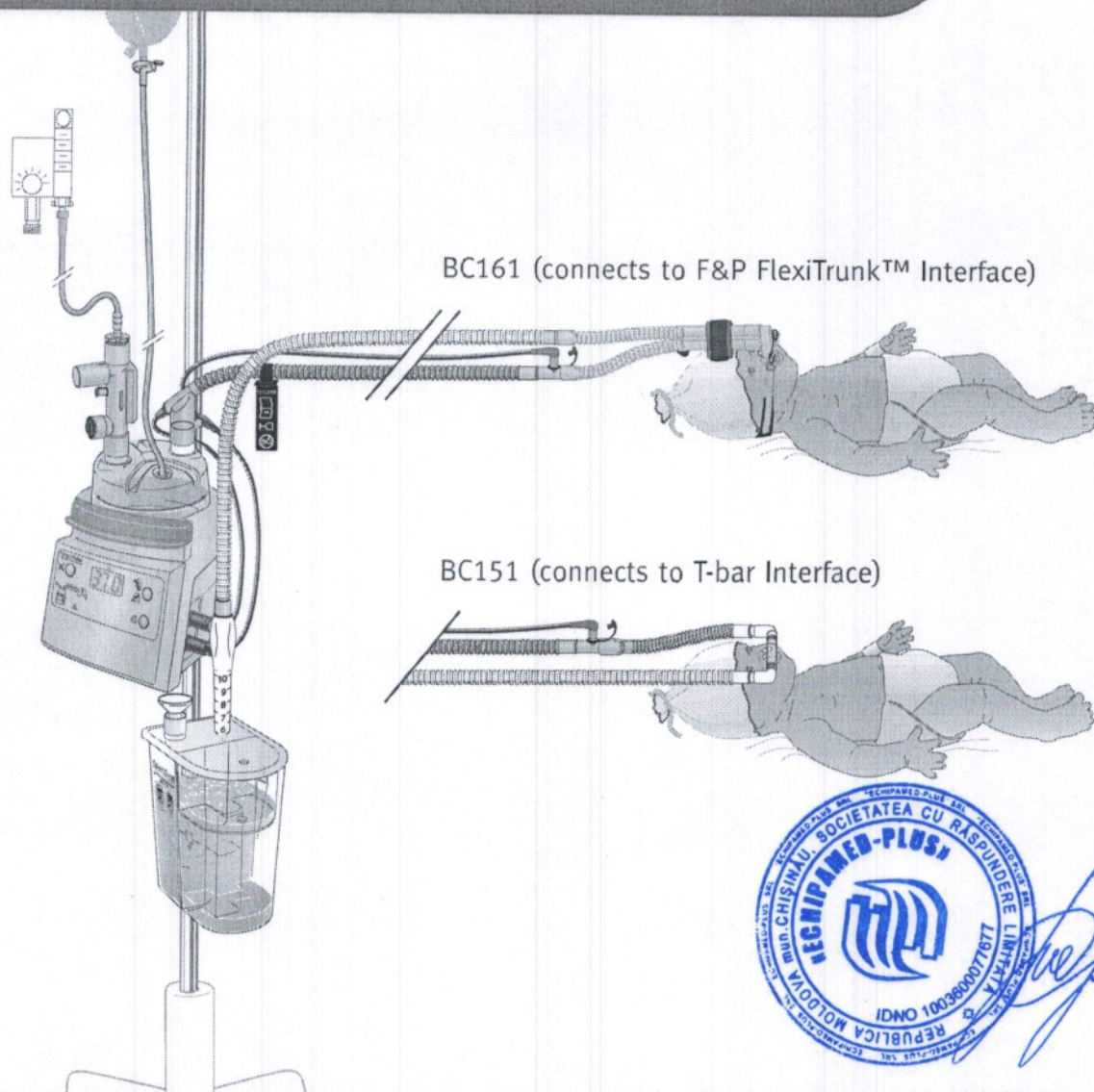
## Nasal masks


**D**

## Nasal prongs



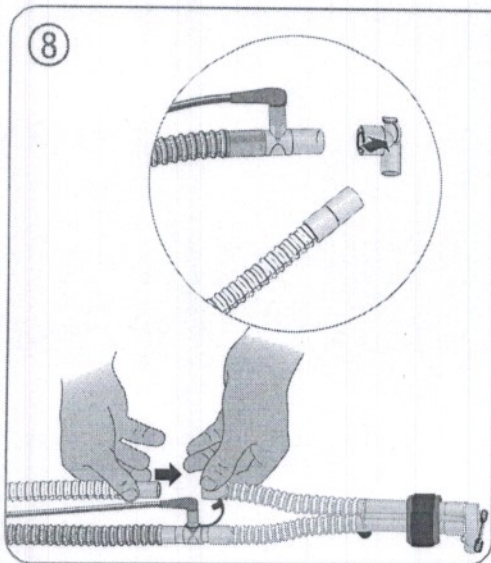




## CHECKS DURING OPERATION

- Regularly observe that the water is feeding into the humidification chamber.
- Should the water level exceed the maximum level marked on the humidification chamber, the chamber should be replaced.
- Check that all connections are tight before use and after any adjustment.
- Ensure air flow is present at all times. If air flow is interrupted, turn off the humidifier.
- Regularly observe the circuit for condensate. Drain as required.
- Regularly observe the CPAP generator for bubbling. If bubbling is not observed, check for and minimize air leaks in the system and at the patient. If air leaks have been minimized, air flow may be increased to achieve continuous bubbling.
- Regularly observe the water level in the CPAP generator and overflow container. Refill the CPAP generator if the water level drops below the minimum water level line.  
**Check and empty the overflow container once every 8 hours or as needed.**
- Monitor patient oxygen levels.
- **Always use pressure monitoring to verify that the patient is receiving the prescribed CPAP level.**





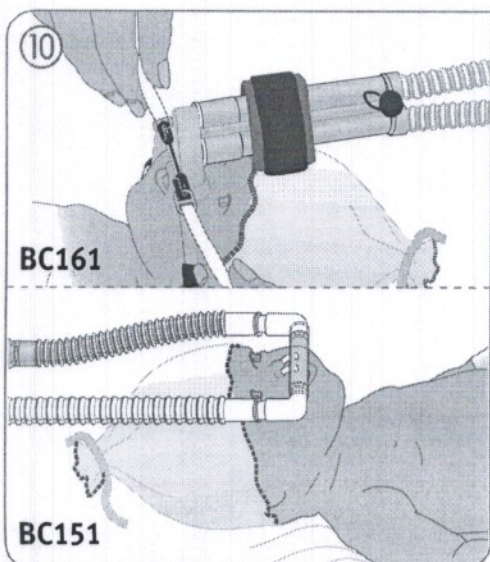
## 8. Connect Bubble CPAP Circuit to Infant Interface

- Remove the flow test elbow and connect the circuits to the Infant Interface using the instructions provided with the interface.
- BC161 connects to F&P FlexiTrunk Interface.
- BC151 connects to short binasal prongs (T-bar).



## 9. Set the Humidifier

- ⚠ Ensure there is air flow present before turning on the humidifier.
- Turn on the humidifier.
  - If using the MR850, ensure it is on Invasive mode (37 °C).
  - If using the MR730, set the temperature to 40 °C, -3.
- Refer to the MR850 or MR730 User Instructions for further information.

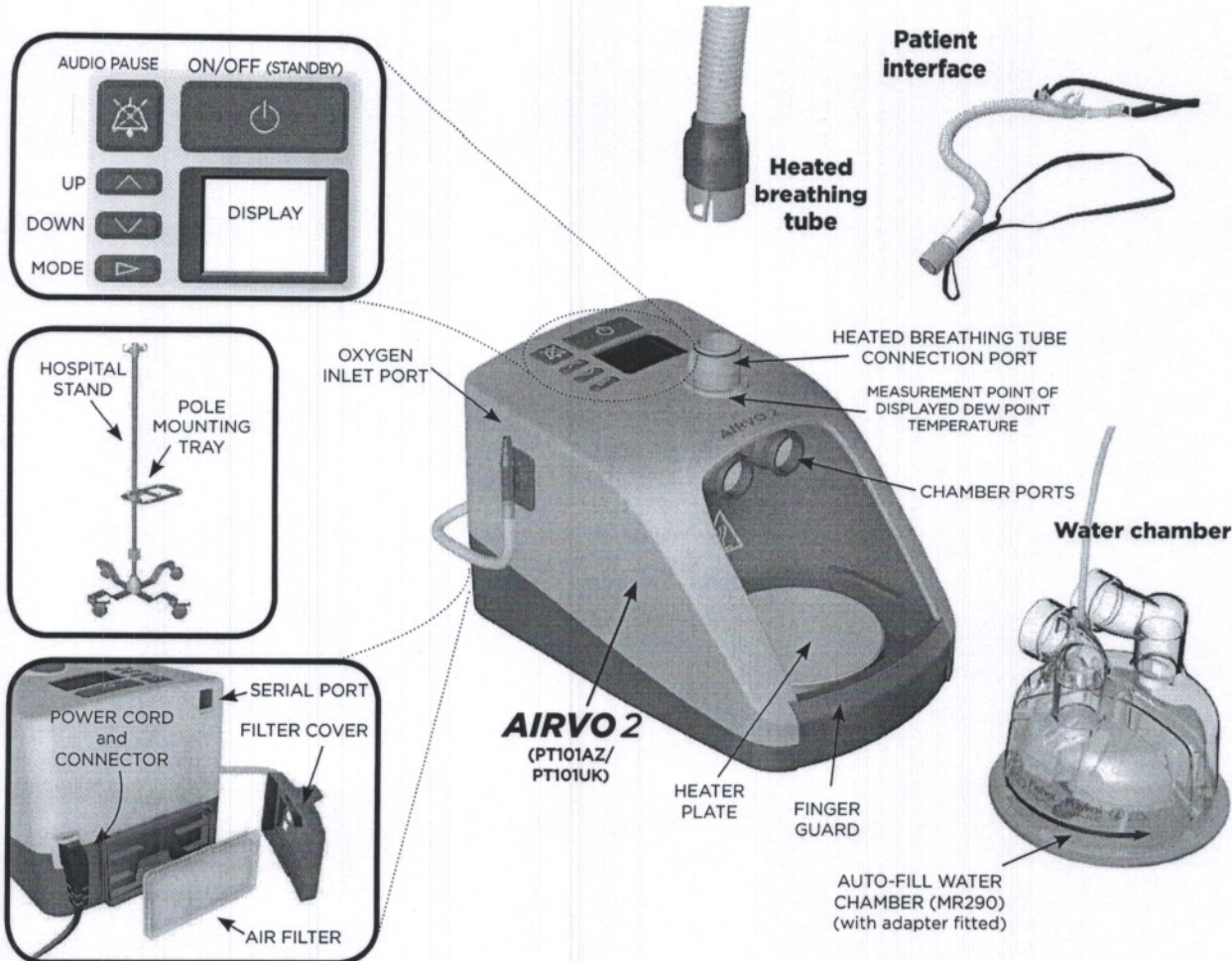


## 10. Attach Interface to Infant

- Connect the interface to the infant using the instructions provided with the interface.



## AIRVO 2 AND ACCESSORIES



Tube & chamber kits and patient interfaces			
Tube & chamber kit		Interfaces	
900PT531	Heated breathing tube, MR290 auto-fill chamber and adapter (10-Pack)	→	OPT316 Nasal Cannula - Infant (20-Pack) OPT318 Nasal Cannula - Pediatric (20-Pack)
900PT501	Heated breathing tube, MR290 auto-fill chamber and adapter (10-Pack)	→	OPT842 Nasal Cannula - Small (20-Pack) OPT844 Nasal Cannula - Medium (20-Pack) OPT846 Nasal Cannula - Large (20-Pack) OPT870 Tracheostomy Direct Connection (20-Pack) RT013 Mask Interface Adapter - 22mm (20-Pack)

Cleaning and Disinfection	
900PT600	Disinfection Kit
900PT601	Disinfection Filter (2-Pack)
900PT602	Cleaning Sponge-Stick (20-Pack)
900PT603	Clean Storage Cover (20-Pack)

Miscellaneous	
900PT405	Pole mounting tray
900PT421	Hospital stand
900PT422	Oxygen inlet extension kit
900PT912	Filter holder
900PT913	Air filter (2-Pack)
OPT012	Wigglepads (OPT316/OPT318) (20-pack)
OPT014	Oxygen Tubing (Optiflow Junior)