

**Humidification, Nebulisation
and Oxygen Therapy** Product Catalogue



COVIDIEN

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Humidification

Inhalation Therapy

Attention to the quality of life of chronically ill patients is, and will be, of critical importance in the future. This is why humidification is key for the oxygen-dependent patient to reduce mucosal damage and improve comfort and relief. Bacteria and viruses have become an invisible threat which has led to increased costs especially at hospital level where strict infection control measures are being implemented.

What is Respiflo sterile water?

The Respiflo range of closed system products have been designed to reduce the risk of bacterial growth and contamination associated with open humidification systems. Respiflo is an inhalation grade pyrogen-free water which will prevent bacterial growth¹ and is ideally suited to any situation where it is necessary to condition dry respiratory gases, from short-term oxygen therapy with face mask and nasal cannulae to intubated and ventilated patients.

The Respiflo system consists of a series of universal bottles and adapters which allows the administration of humidified respiratory gases or the delivery of a therapeutic nebulised aerosol. Several heating options are available to allow the delivery of heated aerosol therapy or humidification in all circumstances.

Respiflo sterile water fully meets the statutory USP requirements (United States Pharmacopea) and the Respiflo adapters and universal bottles allow humidification or nebulisation to be delivered via a closed system, reducing the risks of contamination associated with conventional open systems.

Unlike other products, Respiflo sterile water has been **distilled five times** and deionised before bottling in chemically inert recyclable polypropylene containers, ideally suited to respiratory use.

Statement about Respiflo bottles

The symbol “Single use” on Respiflo and Respiflo S bottles refers to the intended single use of the product and it means that it is not allowed to refill the bottle.

Nevertheless, the Respiflo and Respiflo S bottles use IS NOT LIMITED TO ONE PATIENT ONLY, and the maximum operation times finally depend on the therapy.

Oxygen therapy Respiflo H	When the system is empty ¹
Mechanical nebulisation Respiflo MN	Up to 5 days (provided patient has no direct contact to the system)
Mechanical nebulisation Respiflo HC	Up to 35 days
Ultrasound nebulisation Respiflo UN	Up to 35 days
Mechanical ventilation Respiflo HC	Up to 7 days (The Aerodyne barrel is for single patient use only)

¹ Clinical evaluation shows sterility for more than 70 days in oxygen therapy.

Vieghls A, Junghann U Long-term Microbiological Examination of closed Sterile Water Systems. Krankenhaus-Hygiene + Infektionsverhütung 1994; 16 (6):185-187

Respiflo Universal Bottles



Respiflo bottles with *universal shape* means

- For all hospital needs: oxygen therapy, mechanical or ultrasound nebulisation and active humidification.
- Hospital cost saving: order optimization system, trouble-free organization, easy storage and department organization.

Respiflo bottles pre-filled with sterile, pyrogen-free water for inhalational therapy

Universal connections allow the use of Respiflo closed system universal bottles across the Respiflo and Aerodyne range, giving versatility whilst benefiting from the reduced infection risk of a closed system.

Description:

- Prefilled polypropylene bottle with 500, 1000 or 1500ml of sterile pyrogen free water
- **Universal bottle**
 - Use for humidification with the Respiflo H™ adapter
 - Use for nebulisation with the Respiflo MN™ adapter
 - Use in conjunction with the Aerodyne 2000 and Aerodyne Thermo humidifiers
 - Provides automatic top-up of the nebulising cup of the Aerodyne Omega ultrasonic nebuliser
 - For use with either heated and unheated systems
- Each bottle individually wrapped
- Recyclable polypropylene material

Ref	Description	Case quantity
2500	Respiflo 500ml sterile water for inhalation	15
21000	Respiflo 1000ml sterile water for inhalation	8
21500	Respiflo 1500ml sterile water for inhalation	6

Respiflo S™ bottles pre-filled with sterile, Sodium Chloride 0.9% water

Description :

- As Respiflo sterile water above, but filled with 0.9% sterile NaCl, for those who prefer to nebulise a saline solution.

Ref	Description	Case quantity
25009	Respiflo S 500ml sterile water for inhalation	15
21009	Respiflo S 1000ml sterile water for inhalation	8
215009	Respiflo S1500ml sterile water for inhalation	6

Oxygen Humidification **Respiflo H Adapters**



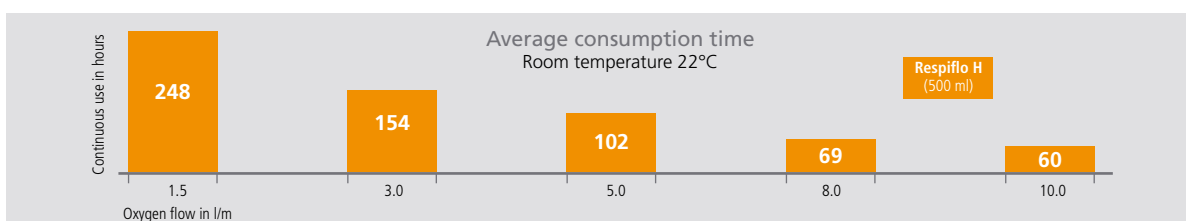
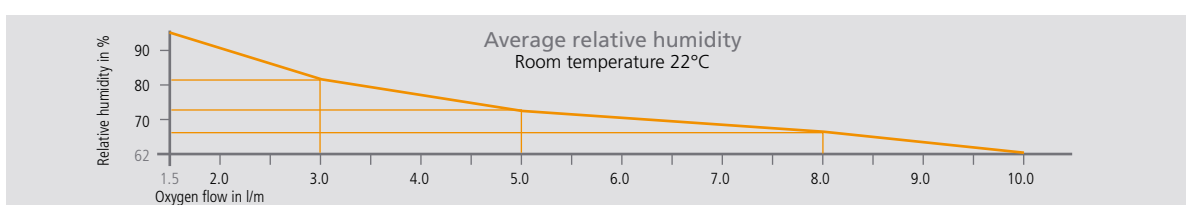
Supplied with pre-filled bottles or separately, enable the delivery of unheated humidification using the Respiflo closed system. For low flow supplementary oxygen.

Bubble through humidification is indicated for low flow oxygen therapy. It acts as a prophylaxis, countering the dryness of medical oxygen, offering comfort and relief to the patient and reducing mucosal damage. Patients who mouth breathe, have asthma, use nasal cannula, have nose bleeds or subjective dryness, can all benefit from humidification during oxygen therapy.

Description:

- Humidifier adapter with pressure relief valve and audible warning of over-pressure
- Micro-diffuser in the base of the bottle ensures effective humidification
- Easy to use, minimizing the risks of contamination
- H adapter is individually packed and sterile (ETO)
- Available as a kit.

Ref	Description	Case quantity
2221	Respiflo H humidification adapter with 325ml sterile water	20
2510	Respiflo H humidification adapter with 500ml sterile water	15
21010	Respiflo H humidification adapter with 1000ml sterile water	8
2545	Respiflo H humidification adapter for use with Respiflo bottles	120
4540610	Flowmeter twin adapter to select inhalation therapy with or without humidification	1



Internal Laboratory test

Nebulisation Cold or Warm Nebulisation with the Respiflo MN Adapter

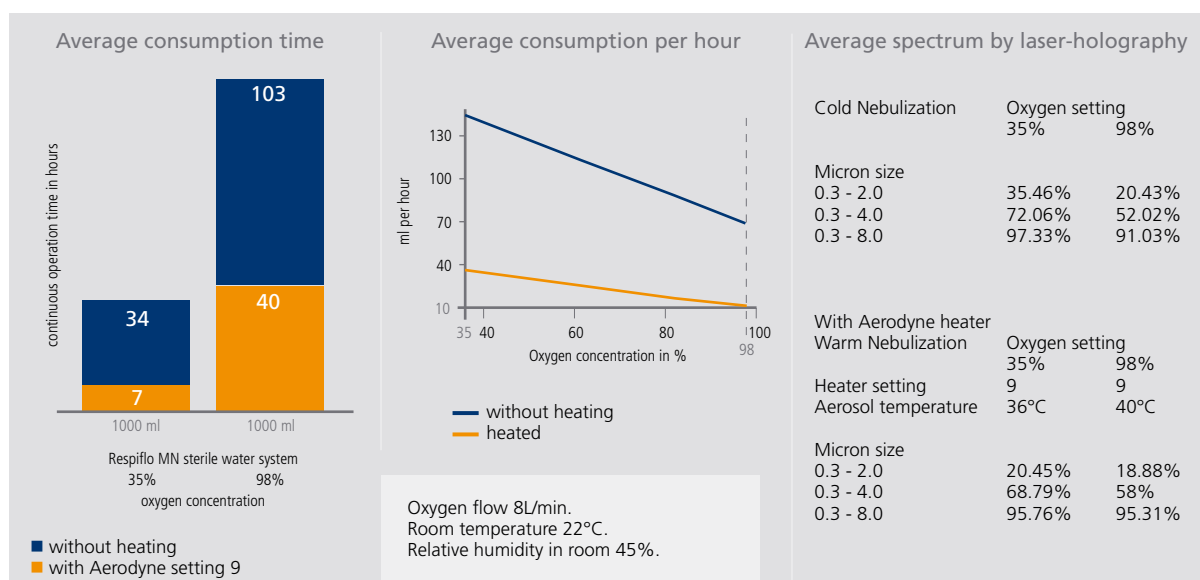


The Respiflo MN adapter offers the ideal solution for the nebulisation of self-ventilating patients. Used on its own it provides efficient ambient temperature nebulisation effectively loosening and mobilizing secretions. For more effective hydration therapy the MN adapter can be combined with the Aerodyne heater (see below) to deliver a warmed aerosol. For use with all sizes of the Respiflo water bottles. May contribute to reduce the risk of infection thanks to the Respiflo system.

Description:

- Nebuliser adapter, allowing oxygen concentrations of 28-98% (24% with special adapter)
- Reflux tube minimises rain out, filters and recycles droplets
- 22mm connector for patient tubing
- Aerosol particle size between 1.2 and 8 microns
- Supplied individually in a peelable pouch
- Sterile (ETO)

Ref	Description	Case quantity
1072	Respiflo MN nebuliser adapter	50
2219	Respiflo MN nebuliser adapter – remote	50
2528	Respiflo MN adapter with 500ml sterile water	15
21028	Respiflo MN adapter with 1000ml sterile water	8
21027	Respiflo MN nebuliser adapter – remote with 1000ml sterile water	8



Aerodyne Aerosol Heater



Used in conjunction with Respiflo MN nebuliser adapters allows the delivery of a warmed aerosol with controllable temperature.

Description:

- Simple to use, just two controls, on/off and temperature
- Easily fitted between any Respiflo bottle and the MN adapter
- Variable temperature output between safe limits
- Can be used with Respiflo S saline
- Various brackets available to allow use in a wide range of settings

Specifications:

Electrical:

Nominal voltage:	230 VAC
Nominal frequency:	50/60 Hz
Nominal current:	0.5 A
Nominal take up:	115 VA
HF-Frequency:	1.65 MHz
Mode of operation:	Continuous
Protection class:	1
Protection level:	BF 
CE-mark:	
In accordance with MDD 93/42/EWG and EN60601-1-2	0123

Ref	Description	Case quantity
15900	Aerodyne heater with wall rail bracket	1

Accessories For Respiflo & Aerodyne

Tubing & Connectors

Ref	Description	Case quantity
600	22mm tubing, 30 meter roll, possible cut each 35cm	1
290/5035	22mm tubing, 50 meter roll, possible cut each 16.5cm	1
290/7264	22mm tubing, 50 meter roll, possible cut each 38cm	1
13400	Oxygen safety tube with 2 universal connectors, 213cm	50
38407	Connector T-piece adapter (to obtain 24% oxygen)	30
65250	Metal terraced tubing adapter	1
609/5249	22m/15m adapter for use with headbox	10
608P9289	Adaptor 22m - 22 f with LCD temperature indicator	10

Mounting brackets

Ref	Description	Case quantity
58512	Aerodyne heater bracket for wall rail	1
38153	Respiflo bottle bracket for wall rail	1
38154	Respiflo bottle bracket for vertical pole	1

Temperature output with Aerodyne heater

Aerodyne setting	FIO ₂	28%	35%	40%	60%	80%	98%
	l/min	5 l/min	8 l/min	8 l/min	8 l/min	8 l/min	8 l/min
	Total flow	66 l	45 l	33 l	16 l	11 l	9 l
Pos 1		22°C	24.5°C	26.5°C	27°C	27°C	26°C
Pos 2		24°C	26°C	28°C	28°C	28°C	28°C
Pos 3		25°C	27°C	29°C	30°C	30°C	29°C
Pos 4		26°C	28°C	30°C	31°C	31°C	31°C
Pos 5		26.5°C	29°C	32°C	32°C	32°C	32°C
Pos 6		27°C	30°C	32.5°C	33°C	33.5°C	33°C
Pos 7		28°C	31°C	33°C	34°C	34°C	34°C
Pos 8		28°C	32°C	34°C	35°C	36°C	35°C
Pos 9		30°C	33°C	35°C	36°C	37°C	36°C

Set-up: Respiflo 1072 and 2219 nebulizer adapter together with a 120cm, aerosol tube of 22 mm diameter.
Temperature measured at the end of the tube at patient side.

Internal Laboratory test

Aerodyne Omega Vario Ultrasonic Nebuliser



Ultrasonic nebulisation utilizing Respiflo universal bottles and Respiflo UN™ nebulising cups prefilled with sterile Respiflo inhalational grade water. Produces an adjustable density aerosol with the reduced infection risks of the Respiflo closed system.

Description:

- Provides an ultrasonically generated aerosol of particles, 75% < 7 μ , 50% < 5 μ , 25% < 3 μ ensuring effective nebulisation therapy
- Choice of 4 preset aerosol densities
- Use with Respiflo sterile water or saline
- Stainless steel removable, autoclavable nebulisation chamber
- Provides heated or unheated aerosol
- Autoclavable long life silicone tubing
- Digital timer for choice of therapy duration
- Simple water cups allow easy set up
- Feeding tubes available for automatic top up of nebuliser cup from Respiflo universal bottle



Specifications:

Performance:

Mist volume:

Setting 1 - 0.8 ml/min

Setting 2 - 1.6 ml/min

Setting 3 - 2.2 ml/min

Setting 4 - 3.0 ml/min

Air volume: - 10 l/min

Particle size: 1-6 μ

Electrical:

Rated voltage: 230 VAC

Rated frequency: 50 Hz

Rated current: 0.5 A

Power: 115 VA

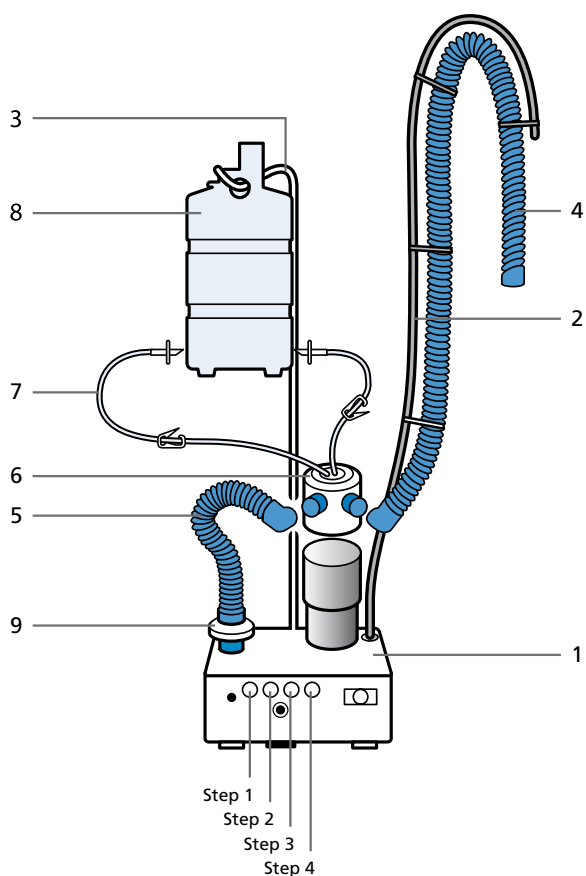
HF frequency: 1.65 MHz

Protection class: 1

Moisture protection class: IPX1 BF

CE marking: according to MDD 93/42/EWG and EN60601-1-2 (suppl. standard on electro-magnetic safety)

Ref	Description	Case quantity
18900	Aerodyne Omega Vario ultrasonic nebuliser	1



Accessories and Consumables for Aerodyne Omega Vario

Ref	Description	Case quantity
2598	Respiflo UN 145ml sterile water cup (6)	24
2601	Respiflo UN 145ml sterile saline cup – 0,9% (6)	24
2642	Respiflo UN water feeding tubes for automatic top-up (7)	50
21532	Respiflo S 1500ml sterile water with 145ml sterile water cup and feeding tubes (6-7-8)	6
215329	Respiflo S 1500ml sterile water with 145ml sterile saline and feeding tubes (6-7-8)	6
285S25734	PVC heated tubing 100cm (4)	10
285/5061	PVC tubing 100cm (4)	10
285/5058	PVC tubing 40cm (5)	10
18607	Flexible tube holder (2)	1
18609	Water bottle hanger for table top use (3)	1
18604	Heated silicone tubing (110cm) with connecting cable (4)	1
808	Silicone tubing (35cm) (5)	1
352/5865	Barrierbac™ S bacterial filter (9)	25
18608	Air intake filter	5
19385	IV pole with wheels and shelf unit for Aerodyne Omega Vario	1
300S14391	PVC heated circuit with tent mask	10



Constant vibration of the ultrasonic transducer produces a fine dense vapour. It is capable of varying the output quantity of the aerosol in four steps of increasing particle density.

High Flow Heated Humidification and Nebulisation



The Aerodyne Thermo and Aerodyne 2000 active humidifiers are designed to generate high levels of humidification for use in both spontaneously breathing and intubated patients. Both can also be used in conjunction with a Respiflo HC adapter to generate heated humidification or an aerosol as appropriate. Both use the Respiflo water closed system reducing infection risks and the established Aerodyne column system proven to deliver high humidification levels.

Aerodyne Thermo Active Humidifier

Simple high performance humidification with the reduced infection risks associated with the Respiflo closed system

- For heated humidification or nebulisation
- For patients on ventilator, oxygen therapy or CPAP
- Delivers 100% relative humidity up to 35°C
- Patient end temperature probe to ensure safety and correct output
- Digital display ensures accurate temperature monitoring
- Closed system
- Suitable for adult and paediatric use

Specifications:

Electrical:

Rated voltage:	230 VAC
Rated frequency:	50 Hz
Rated power input:	165 W
Rated current:	0.7 A
High alarm:	40°C
Low alarm:	40°C
Operating mode:	Continuous
Protection class:	1
Protection level:	B 
CE-mark:	
In accordance	0123
with MDD 93/42/EWG	

Ref	Description	Case quantity
57303	Aerodyne Thermo heater complete with temperature probe & cable, water bottle bracket and bracket for wall rail mounting	1
38095	Aerodyne temperature probe (autoclavable)	1
38096	Aerodyne single temperature probe cable	1
38098	Aerodyne single temperature probe cable and temperature probe	1
37074	Adapter for temperature probe	6
2133	Aerodyne nebuliser adapter with adjustable O ₂ diluter	30
2137	Aerodyne humidifier adapter with adjustable O ₂ diluter	30

Aerodyne 2000 Active Humidifier



A highly intelligent microprocessor controlled unit for all humidification applications. Able to deliver high temperature and humidity at high flow rates whilst maintaining the reduced infection risk associated with the Respiflo closed system. High flow capabilities ensure excellent humidification even with high flow CPAP systems.

Description:

- Dual temperature probes for safety and accuracy
- Can be used with both heated inspiratory and expiratory limbs
- Intubation or mask mode
- Effective with continuous flow rates of up to 100lpm
- Flexible alarm limits
- Variable humidity settings
- On screen instructions and guidance

Specifications:

Electrical:

Nominal voltage:	230 VAC
Nominal frequency:	50 Hz
Nominal take up:	450 VA
Nominal current:	1.7 A
Operating mode:	Continuous
Protection class:	1
Protection level:	B 
Protection method:	IPX1
CE-mark:	
In accordance with MDD 93/42/EWG	0123

Ref	Description	Case quantity
200006	Aerodyne 2000 heater complete with temperature probe & cable and water bottle bracket	1
38095	Aerodyne temperature probe (autoclavable)	1
38097	Aerodyne double temperature probe cable	1
38099	Aerodyne double temperature probe cable and two temperature probes	1

Disposable circuits for AERODYNE 2000

Ref	Description	Case quantity
304S14262	Disposable adult breathing system with heated inspiratory limb	10
304S14263	Disposable adult breathing system with heated inspiratory and expiratory limbs	10
306S8936	Disposable paediatric breathing system with heated inspiratory limb	10
306S8937	Disposable paediatric breathing system with heated inspiratory and expiratory limbs	10
307S8975	Disposable neonatal breathing system with single heated inspiratory limb	10
306S8936	Disposable neonatal breathing system with single heated inspiratory limb, extra limb 30 cm	10
306S8937	Disposable neonatal breathing system with heated inspiratory and expiratory limb	10
111/1130	Connecting cable for disposable heated wire tubing (Inspiratory)	1
111/1133	Connecting cable for disposable heated wire tubing (Expiratory)	1

Consumables for AERODYNE Humidifiers

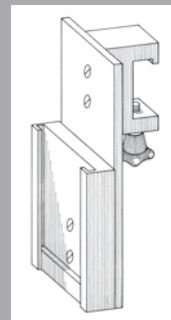
Ref	Description	Case quantity
2222	Respiflo HC Humidification column	54
21000	Respiflo 1000ml sterile water	8
21500	Respiflo 1500ml sterile water	6
21522	Respiflo HC Humidification column with 1500ml sterile water	6
2137	Respiflo HC Humidifier adapter with oxygen diluter	30
2133	Respiflo HC Humidifier adapter with oxygen diluter	30
37074	Straight connector for temperature probe 22m/22f	6

Mounting brackets for AERODYNE Humidifiers

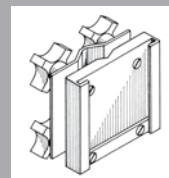
Ref	Description	Case quantity
58305	Universal mounting bracket for IV pole	1
58522	Mounting bracket for Puritan Bennett 7200 ventilator	1
58520	Mounting bracket for Draeger UV1 and Siemens Servo 900	1
58519	Mounting bracket for Hamilton Veolar and Draeger AV1	1
58512	Mounting bracket for Servo 900, 900B, Draeger Evita or wall rail	1
58530	Mounting bracket for Hamilton Galileo	1
58532	Mounting bracket for Draeger Evita 4	1
58531	Mounting bracket for Puritan Bennett 840	1
58533	Mounting bracket for Puritan Bennett 740/760	1
58517	Mounting bracket Bennett PR2, Bird Mark 7,8, 14, Engström EC5, 2000 & Erica	1

Silicone circuits for AERODYNE 2000 Humidifiers

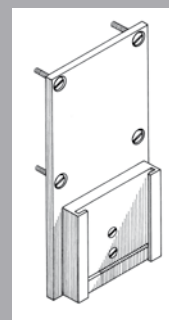
Ref	Description	Case quantity
800	Silicone adult tube with heated inspiratory limb, 150cm, 22mm	1
801	Silicone adult tube with heated expiratory limb, 150cm, 22mm	1
802	Silicone paediatric tube with heated inspiratory limb, 130cm, 10mm	1
803	Silicone paediatric tube with heated expiratory limb, 130cm, 10mm	1
806	Silicone adult tube, 45cm, 22mm	1
809	Silicone adult tube, 150cm, 22mm	1
814	Silicone adult tube, 130cm, 22mm	1



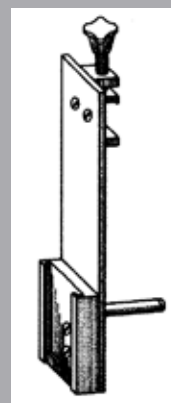
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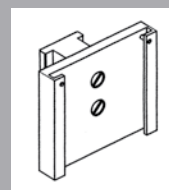
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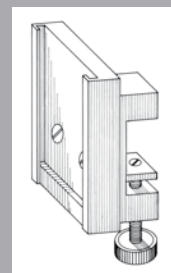
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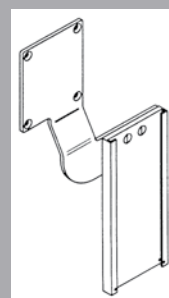
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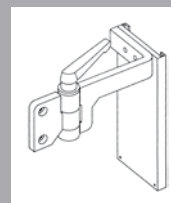
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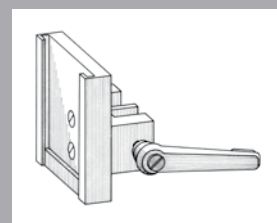
58519



58531



58532



58520

Oxygen Therapy Oxygen Masks



Description:

- Soft anatomical form ensures good fit and patient comfort
- Adjustable metal nose piece for security and comfort
- Wide adjustable elastic strap with sealed ends fits securely and comfortably below the ears

Ref	Description	Case quantity
13110	Salter-Style™* Adult oxygen mask with 213cm crush resistant oxygen supply tube, elastic strap style	50
13113	Salter-Style™* Paediatric oxygen mask with 213cm crush resistant oxygen supply tube, elastic strap style	50
221/5001 ^a	DAR Adult oxygen mask with 200cm crush resistant oxygen supply tube, elastic strap style	25
211/5013 ^a	DAR Paediatric oxygen mask with 200cm crush resistant oxygen supply tube, elastic strap style	25
20004VM	VecMedical™* Adult oxygen mask with 200cm crush resistant oxygen supply tube, elastic strap style	50
20005VM	VecMedical™* Paediatric oxygen mask with 200cm crush resistant oxygen supply tube, elastic strap style	50

Latex free

^a DAR products latex free from March 2010

Oxygen Therapy

Oxygen Masks - High concentrations



Description:

- Soft anatomical form ensures good fit and patient comfort
- Adjustable metal nose piece for security and comfort
- Wide adjustable elastic strap with sealed ends fits securely and comfortably below the ears

Ref	Description	Case quantity
13120	Salter-Style™ Adult high concentration partial rebreathing mask with 213 cm crush resistant oxygen supply tube, elastic strap style	50
13122	Salter-Style™ Adult high concentration non-rebreathing mask with 213cm crush resistant oxygen supply tube and safety valve, elastic strap style	50
13124	Salter-Style™ Paediatric high concentration partial rebreathing mask with 213 cm crush resistant oxygen supply tube, elastic strap style	50
13125	Salter-Style™ Paediatric high concentration non rebreathing mask with 213 cm crush resistant oxygen supply tube, elastic strap style	50
225/30550 ^a	DAR Adult high concentration rebreathing mask with 200cm crush resistant oxygen supply tube (sterile)	25
225/5010 ^a	DAR Adult high concentration partial rebreathing mask with valve, with 200cm crush resistant oxygen supply tube	25
225/5011 ^a	DAR Adult high concentration rebreathing mask without valve, with 200 cm crush resistant oxygen supply tube	25
225/5569 ^a	DAR Adult high concentration non-rebreathing mask with 200 cm crush resistant oxygen supply tube and safety valve	25
215/5022 ^a	DAR Paediatric high concentration partial rebreathing mask with valve with 200 cm crush resistant oxygen supply tube	25
215/5023 ^a	DAR Paediatric high concentration rebreathing mask without valve, with 200 cm crush resistant oxygen supply tube	25

Latex free

^a DAR products latex free from March 2010

Oxygen Therapy Venturi Kits



Venturi mask with Percent-O₂-Lock air entrainment valve allows the delivery of seven pre-set oxygen concentrations.

Description:

- Soft anatomical form ensures good fit and patient comfort
- Adjustable metal nose piece for security and comfort
- Wide adjustable elastic strap with sealed ends fits securely and comfortably below the ears
- Easily adjusted variable venturi system
- Available version with humidity water cup reservoir

Ref	Description	Case quantity
13815	Salter-Style™ Adult Venturi system with variable valve for 7 oxygen concentrations (from 24% to 50%), 213 cm crush resistant Oxygen supply tube, humidity cup, reservoir corrugated 10cm tube and mask	50
224/5009 ^a	DAR Adult Venturi kit with adult oxygen mask, venturi valves 24, 28, 31, 35, 40, 50, 60% oxygen concentration, 200cm crush resistant oxygen supply tube, water cup and reservoir corrugated tube 16.5cm	25
224/5043 ^a	DAR Adult Venturi kit with oxygen mask, Venturi valves 24, 28, 31, 35, 40, 50, 60% oxygen concentration, 200cm crush resistant oxygen supply tube, water cup and reservoir corrugated tube 16.5cm (sterile)	25
214/5021 ^a	DAR Paediatric Venturi kit with oxygen mask, Venturi valves 24, 28, 31, 35, 40, 50, 60% oxygen concentration, 200cm crush resistant oxygen supply tube, water cup and reservoir corrugated tube 16.5cm	25
214/30506 ^a	DAR Paediatric Venturi kit with oxygen mask, Venturi valves 24, 28, 31, 35, 40, 50, 60% oxygen concentration, 200cm crush resistant oxygen supply tube, water cup and reservoir corrugated tube 16.5cm (sterile)	25
224/5581 ^a	DAR Venturi kit with Venturi valves 24, 28, 31, 35, 40, 50, 60% oxygen concentration, 200cm crush resistant oxygen supply tube, water cup, reservoir corrugated tube 16.5cm and T piece	25
20001VM	VecMedical™ Adult oxygen mask with variable Venturi valve for various oxygen concentrations (from 24% to 50%) and 200 cm crush resistant oxygen supply tube	50
20002VM	VecMedical™ Adult oxygen mask with variable Venturi valve for various oxygen concentrations (from 24% to 50%), reservoir corrugated tube and 200cm crush resistant oxygen supply tube	50
20003VM	VecMedical™ Paediatric Venturi kit with adult oxygen mask, venturi valves 24, 28, 31, 35, 40, 50% oxygen concentration, 200cm crush resistant oxygen supply tube and reservoir corrugated tube 13.5cm	50

Latex free

^a DAR products latex free from March 2010

Oxygen Therapy Oxygen Supply Tubing



Ref	Description	Case quantity
13400	Salter-Style™* 213cm crush resistant oxygen supply tube with universal connections	50
13408	Salter-Style™* 213cm crush resistant oxygen supply tube with one molded connector end and one female thread grip end	50
13409	Salter-Style™* 213cm crush resistant oxygen supply tube with one male thread grip end and one female thread grip end	50
13404	Salter-Style™* 460cm crush resistant oxygen supply tube with universal connections	50
13407	Salter-Style™* 915cm crush resistant oxygen supply tube with universal connections	20
251/5028	DAR 200cm crush resistant oxygen supply tube with universal connections	25
251/5586	DAR 200cm crush resistant oxygen supply tube with universal connections (sterile)	25
251/5538	DAR 300cm crush resistant oxygen supply tube with universal connections	25
251/30505	DAR 300cm crush resistant oxygen supply tube with universal connections (sterile)	25
251/30519	DAR 400cm crush resistant oxygen supply tube with universal connections	25
251/5494	DAR 500cm crush resistant oxygen supply tube with universal connections	25
251/30520	DAR 600cm crush resistant oxygen supply tube with universal connections (sterile)	25
251/30514	DAR 1000cm crush resistant oxygen supply tube with universal connections	25
20501	VecMedical™* 200cm crush resistant oxygen supply tube with universal connections	100
20502	VecMedical™* 700cm crush resistant oxygen supply tube with universal connections	50
13444	Salter-Style™* Oxygen tubing connector with rings for «twist & pull» connection to connect additional O ₂ tubes	50
13445	Salter-Style™* Oxygen tubing swivel connector with rings for «twist & pull» connection to connect additional O ₂ tubes, Male-Male	50

Latex free

Oxygen Therapy Nasal Cannulae



For the nasal administration of low flow oxygen.

Description:

- Curved tapered nasal prongs ensure comfort
- Anatomically curved to fit upper lip reduces irritation
- Over the ear style for comfort
- Wide range of sizes to suit all patients
- Crush resistant oxygen supply tube

Ref	Description	Case quantity
13300	Adult Salter-Style™ original cannula for flows up to 6 LPM with 213cm crush resistant oxygen supply tube	50
13301	Adult Salter-Style™ original cannula for flows up to 6 LPM with 213cm crush resistant oxygen supply tube and female thread grip connector	50
13304	Adult Salter-Style™ original cannula for flows up to 6 LPM with 430cm crush resistant oxygen supply tube	50
13307	Adult Salter-Style™ original cannula for flows up to 6 LPM with 915cm crush resistant oxygen supply tube	50
13308	Adult Salter-Style™ Quiet cannula for flows up to 8 LPM with larger diameter tube with 213cm crush resistant oxygen supply tube	50
13309	Adult Salter-Style™ Micro cannula for flows up to 3 LPM with 213cm crush resistant oxygen supply tube	50
13310	Adult Salter-Style™ original cannula for flows up to 6 LPM with 213cm smooth bore oxygen supply tube	50
13320	Premature (less than term) Salter-Style™ original cannula for max 3 LPM flows with 213cm crush resistant oxygen supply tube	50
13321	Neonate (more than 1400 gr approx) Salter-Style™ original cannula for max 3 LPM flows with 213cm crush resistant oxygen supply tube	50
13322	Infant (new born, full term) Salter-Style™ original cannula for max 3 LPM flows with 213cm crush resistant oxygen supply tube	50
13323	Intermediate infant (3-12 months approx) Salter-Style™ original cannula for max 3 LPM flows with 213cm crush resistant oxygen supply tube	50
13324	Paediatric-Small adult (1year or older-small adult) Salter-Style™ original cannula for max 6 LPM flows with 213cm crush resistant oxygen supply tube	50
251/5029	DAR Adult nasal cannula for flows up to 6 LPM with 200cm crush resistant oxygen supply tube	25
251/5579	DAR Adult nasal cannula for flows up to 6 LPM with 200cm crush resistant oxygen supply tube (sterile)	25
251/5434	DAR Adult nasal cannula for flows up to 6 LPM with 360cm crush resistant oxygen supply tube	25
251/5492	DAR Adult nasal cannula for flows up to 6 LPM with 500cm crush resistant oxygen supply tube	25

Ref	Description	Case quantity
251/5488	DAR Adult nasal cannula for flows up to 6 LPM with 800cm crush resistant oxygen supply tube	25
251/5592	DAR Adult nasal cannula for flows up to 6 LPM with 1100cm crush resistant oxygen supply tube	25
251/5485	DAR Adult nasal cannula for flows up to 6 LPM with 1500cm crush resistant oxygen supply tube	25
251/30548	DAR Adult nasal cannula for flows up to 8 LPM with larger diameter tube with 1100cm crush resistant oxygen supply tube, not sterile	25
251/30538	DAR Adult nasal cannula for flows up to 8 LPM with larger reservoir with 1500cm crush resistant oxygen supply tube	25
251-5030	Adult nasal cannula for flows up to 6 LPM with 200cm crush resistant oxygen supply tube	50
20207	VecMedical™ Adult nasal cannula for flows up to 6 LPM with 500cm crush resistant oxygen supply tube	50
20205	VecMedical™ Adult nasal cannula for flows up to 6 LPM with 1000 cm crush resistant Oxygen supply tube	25

Latex free

- Premature > less than term
- Neonate > more than 1400 grams (approx.)
- Infant > newborn, full term
- Intermediate Infant > 3 to 12 months (approx.)
- Pediatric > 1 year or older (approx.)

Oxygen Nasal Cannulae with ETCO₂ Line



Ref	Description	Case quantity
13337	Salter-Style™ Adult Salter-Style™ ETCO ₂ divided sampling cannula for simultaneous O ₂ delivery with 213cm line and 213cm CO ₂ line with male luer lock connector	50
13338	Salter-Style™ Paediatric Salter-Style™ ETCO ₂ divided sampling cannula for simultaneous O ₂ delivery with 213cm line and CO ₂ line with female luer lock connector	50
13340	Salter-Style™ Adult Salter-Style™ ETCO ₂ divided sampling cannula for simultaneous O ₂ delivery with 213cm O ₂ line and 213cm CO ₂ line - male luer lock connector	50
13344	Salter-Style™ Adult Salter-Style™ ETCO ₂ divided sampling cannula for simultaneous O ₂ delivery with 213cm O ₂ line and 213cm CO ₂ line - female luer lock connector	50
13347	Salter-Style™ Paediatric Salter-Style™ ETCO ₂ divided sampling cannula for simultaneous O ₂ delivery with 213cm O ₂ line and 5cm CO ₂ pigtail - female luer lock connector	50

Latex free

Tracheostomy Masks



Ref	Description	Case quantity
206/30515 ^a	DAR Tracheostomy mask with 200cm crush resistant oxygen supply tube and universal-22F connections	25
206/5568 ^a	DAR Tracheostomy mask	25
206/5582 ^a	DAR Tracheostomy mask with oval shaped nebuliser and 200cm crush resistant oxygen supply tube	25
206S30569 ^a	DAR Tracheostomy mask with oval shaped nebuliser and 200cm crush resistant oxygen supply tube (sterile)	25
206/5583 ^a	DAR Tracheostomy mask with Venturi valves set, reservoir corrugated tube 16,5cm, humidity cup and 200cm crush resistant oxygen supply tube	25
20101	VecMedical™* Tracheostomy set with variable Venturi valve for various oxygen concentrations and 200cm crush resistant oxygen supply tube – latex free	50
20102	VecMedical™* Tracheostomy set with variable Venturi valve for various oxygen concentrations, reservoir corrugated tube and 200cm crush resistant oxygen supply tube – latex free	50
20103	VecMedical™* Tracheostomy mask with variable Venturi valve for various oxygen concentrations, reservoir corrugated tube and 200cm crush resistant oxygen supply tube – latex free	50
21006	VecMedical™* Tracheostomy mask with nebuliser and 200cm crush resistant oxygen supply tube – latex free	50

Latex free - ^a DAR products latex free from March 2010

Aerosol Therapy & Drug Nebulisation **Aerosol Masks**



Description:

- Supple and transparent PVC
 - Adapts to facial contours
 - Atraumatic
- Malleable nasal bridge ensures comfortable fit
 - Connection for 22mm corrugated tubing
 - Wide adjustable elastic strap with sealed ends fits securely and comfortably below the ears

Ref	Description	Case quantity
13100	Salter-Style™ Adult elongated aerosol mask without supply tube , over the ear	50
13101	Salter-Style™ Adult aerosol mask	50
13102	Salter-Style™ Paediatric aerosol mask	50
220/5000 ^a	DAR Adult aerosol mask	25
210/5012 ^a	DAR Paediatric aerosol mask	25
20901	VecMedical™ Adult aerosol mask	100
20902	VecMedical™ Adult aerosol mask with nebuliser connection	100

Latex free - ^a DAR products latex free from March 2010

Nebulisers



Ref	Description	Case quantity
13956	Salter-Style™ nebulizers	50
260/5027	DAR Oval shaped nebuliser	25
260/5528	DAR Oval shaped nebuliser (sterile)	25
21012VM	VecMedical™ nebulizer	100

Latex free

Aerosol Therapy & Drug Nebulisation **Aerosol Kits**



Description:

- Single use nebuliser
- Nebulises 3cc within 7 minutes or less at 7 LPM in vertical or horizontal position.
- Scalloped cuff allows unit to stand alone
- Available in a wide range of configurations to suit all applications
- Over 80% of particle <5µ in diameter
- Wide adjustable elastic strap with sealed ends fits securely and comfortably below the ears

Ref	Description	Case quantity
13506	Salter-Style™ NebuTech® HDN® nebulizer (disposable) with adult elastic strap style aerosol mask and 213cm crush resistant oxygen supply tube featuring female thread grip connector (disposable)	50
13960	Salter-Style™ Nebulizer kit with nebulizer, adult over the ear style aerosol mask and 213cm crush resistant oxygen supply tube	50
13962	Salter-Style™ Nebulizer kit with nebulizer, adult elastic strap style aerosol mask and 213cm crush resistant oxygen supply tube featuring female thread grip connector	50
13963	Salter-Style™ Nebulizer kit with nebulizer, paediatric elastic strap style aerosol mask and 213cm crush resistant oxygen supply tube featuring female thread grip connector	50
223/5008 ^a	DAR Adult aerosol mask with oval shaped nebuliser and 200cm crush resistant oxygen supply tube	25
223/5442 ^a	DAR Adult aerosol mask with oval shaped nebuliser and 200cm crush resistant oxygen supply tube (sterile)	25
223/5518 ^a	DAR Adult aerosol mask connected on oval shaped nebuliser and 200cm crush resistant oxygen supply tube (sterile)	25
220/5495 ^a	DAR Adult aerosol mask with corrugated tube 158cm with 22mm diameter	25
205/5433 ^a	DAR Adult aerosol mask with corrugated tube 214.5cm with 22mm diameter	25
220S30568 ^a	DAR Adult aerosol mask with corrugated tube 79cm with 22mm diameter - water trap (sterile)	25
213/5020 ^a	DAR Paediatric aerosol mask with oval shaped nebuliser and 200cm crush resistant oxygen supply tube	25
213/5467 ^a	DAR Paediatric aerosol mask connected on oval shaped nebuliser and 200cm crush resistant oxygen supply tube	25
213/5443 ^a	DAR Paediatric aerosol mask with oval shaped nebuliser and 200cm crush resistant oxygen supply tube (sterile)	25
21001	VecMedical™ Adult aerosol mask with nebuliser and 200cm crush resistant oxygen supply tube	50
21002	VecMedical™ Paediatric aerosol mask with nebuliser and 200cm crush resistant oxygen supply tube	50

Latex free - ^a DAR products latex free from March 2010

Aerosol Therapy & Drug Nebulisation

Aerosol Kits with Mouthpieces



Ref	Description	Case quantity
13500	Salter-Style™ NebuTech® HDN® nebulizer (reusable) with mouthpiece (reusable) and 213cm crush resistant oxygen supply tube featuring female thread grip connector (disposable) – latex free	10
13505	Salter-Style™ NebuTech® HDN® nebulizer (disposable) with mouthpiece (disposable) and 213cm crush resistant oxygen supply tube featuring female thread grip connector (disposable) – latex free	10
13950	Salter-Style™ Nebulizer full kit with nebulizer, T-Piece, mouthpiece, 15cm reservoir tube and 213cm crush resistant oxygen supply tube – latex free	50
13951	Salter-Style™ Nebulizer full kit with nebulizer, T-Piece, mouthpiece, 15cm reservoir tube and 213cm crush resistant oxygen supply tube featuring female thread grip connector – latex free	50
13952	Salter-Style™ Nebulizer in line kit with nebulizer, T-Piece, mouthpiece and 213cm crush resistant oxygen supply tube featuring female thread grip connector – latex free	50
260/5535	DAR Cilindric nebuliser, T-Piece, mouthpiece and 200cm crush resistant oxygen supply tube	25
260S30575	DAR Oval shaped nebuliser, mouthpiece and T-Piece with one-way valves (sterile)	25
260/30545	DAR Oval shaped nebuliser with reducer to connect to T-Piece with spring, T-Piece with spring and 200cm crush resistant oxygen supply tube	-
260/5578	DAR Oval shaped nebuliser, T-Piece with Barrierbac™ S filter and mouthpiece and 200cm crush resistant oxygen supply tube	25
260/5534	DAR Oval shaped nebuliser, T-Piece with Barrierbac filter and mouthpiece	25
260/5471	DAR Oval shaped nebuliser, T-Piece with mouthpiece and 200cm crush resistant oxygen supply tube	25
260/5526	DAR Oval shaped nebuliser, T-Piece, Barrierbac filter, mouthpiece and reservoir paediatric PVC tube 20cm (sterile)	10
260/5521	DAR Oval shaped nebuliser, T-Piece, mouthpiece and Barrierbac filter (sterile)	25
260S30572	DAR Oval shaped nebuliser, T-Piece, mouthpiece, and 150 cm crush resistant oxygen supply tube (sterile)	25
260/5524	DAR Oval shaped nebuliser, T-Piece, mouthpiece, Barrierbac filter and 150 cm crush resistant oxygen supply tube (sterile)	25
21003	VecMedical™ Nebuliser set with mouthpiece, nebuliser and 200cm crush resistant oxygen supply tube – latex free	50

Latex free

Mouthpieces



Ref	Description	Case quantity
13957	Salter-Style™ Mouthpiece	50
630/5150	DAR Mouthpiece	10
630S5150	DAR Mouthpiece (sterile)	10

Latex free

Aerosol Therapy & Drug Nebulisation

Aerosol Face Tent Masks



Description:

- Supple and transparent PVC
 - Adapts to facial contours
 - Atraumatic
- Connection for 22mm corrugated tubing
- Wide adjustable elastic strap with sealed ends fits securely and comfortably below the ears

Ref	Description	Case quantity
13103	Salter-Style™ Adult aerosol tent mask without tube, elastic strap style	50
13108	Salter-Style™ Adult aerosol tent mask without tube, elastic strap style + oxygen adapter 22mm ID x 6mm OD	50
202P5456 ^a	DAR Adult Oxygen and aerosol tent mask	25
202/5024 ^a	DAR Adult Oxygen and aerosol tent mask with 200 cm crush resistant Oxygen supply tube	25
205/5455 ^a	DAR Adult oxygen and aerosol tent mask with extendible tube 60/180 cm, sterile (sterile)	10
205/5025 ^a	DAR Adult Oxygen and aerosol tent mask with T-Piece connector and corrugated tube 132cm	25
205/5522 ^a	DAR Adult oxygen and aerosol tent mask with T-Piece connector and corrugated tube 158cm	25
205/5545 ^a	DAR Adult oxygen and aerosol tent mask with T-Piece connector and corrugated tube 214,5cm	25

Latex free - ^a DAR products latex free from March 2010

Incentive Spirometry

Respiflo FS Flow Incentive Deep Breathing Exerciser

A simple to use exerciser

- Incentive flow rate spirometry made simple and easy
- The number of coloured balls raised and the length of time they are kept suspended provides visible proof of the patient's progress
- The maximum volume inspired per second is shown on each chamber and gives an accurate guide to flow rate
- Requires minimum instruction and minimum supervision
- Supplied clinically clean and individually wrapped
- Single patient use



Ref	Description	Case quantity
8884 717395	Respiflo FS Flow incentive deep breathing exerciser	12

Respiflo VS Range of Volumetric Incentive Deep Breathing Exercisers

Hand held measurement of inhaled respiratory volume – measures and encourages patient progress

- Hand held and easy to use
- Easy to see flow cup for simple monitoring of sustained maximal inspiration
- Inspired volume chamber with easy to read graduations on both sides of the chamber - results can be seen as they happen encouraging progress
- Requires minimum instruction and minimum supervision
- Respiflo VS. For normal adult use
- Respiflo VS. For children and adults with smaller lung capacity provides more accurate measurements at lower volumes
- Respiflo VS Paediatric. As above but decorated with cartoons to encourage use by small children
- Supplied clinically clean and individually wrapped
- Single patient use



Ref	Description	Case quantity
8884 719033	Respiflo VS volumetric breathing exerciser – for adults	12
8884 719041	Respiflo VS volumetric breathing exerciser – for children and adults with smaller lung capacity	12
8884 719017	Respiflo VS paediatric volumetric breathing exerciser	12

RESPI-JET™ Plus

An effective aerosol inhalation system

Description:

Quick to clean, high delivery efficiency, ideal particle size spectrum through tailored, Venturi-jet geometry, mass median aerodynamic diameter (MMAD) of 3 µm, nebuliser output up to 420mg/min. The RESPI-JET Plus nebuliser system offers clear advantages in terms of handling, hygiene and safety.

Respi-Jet™ Plus hand held nebulizers

Nebuliser Respi-Jet™ Plus: high quality polypropylene plastic autoclavable to 134°C and dishwasher-proof.

Indication For the treatment of airway diseases.

Drugs All drugs suitable for nebulisation with compressor, apart from: pentamidine, volatile oils and alcoholic solutions.

Connected to the central compressed air supply or to the air compressor.

• Respi-Jet™ Plus - parts for adults

Ref	Description	Case quantity
17511	Respi-Jet Plus hand held nebulizer adult	1
17512	Respi-Jet Plus mouthpiece adult (blue)	1
17513	Respi-Jet Plus housing adult (white)	1
17514	Respi-Jet Plus drug beaker (transparent)	1
17515	Respi-Jet Plus mask adult (transparent)	1
17516	Respi-Jet Plus funnel adult (blue)	1
17517	Respi-Jet Plus cap adult (blue)	1
17518	Respi-Jet Plus valve (white) incl. membrane	1
17524	Respi-Jet Plus gasket	1

• Respi-Jet™ Plus - parts for children

Ref	Description	Case quantity
17521	Respi-Jet Plus hand held nebulizer paediatric	1
17522	Respi-Jet Plus mouthpiece paediatric (blue)	1
17523	Respi-Jet Plus housing paediatric (white)	1
17514	Respi-Jet Plus drug beaker (transparent)	1
17525	Respi-Jet Plus mask paediatric (transparent)	1
17526	Respi-Jet Plus funnel paediatric (green)	1
17527	Respi-Jet Plus cap paediatric (red)	1
17528	Respi-Jet Plus valve (yellow) incl. membrane	1
17524	Respi-Jet Plus gasket	1

Accessories

Ref	Description	Case quantity
17208	Air tubing with 2 universal connector	1
17305	Air tubing with LuerLock connector	5
17306	Air tubing with flow meter connector	5



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IMPORTANT : Please refer to the package insert for complete instructions, contraindications, warnings and precautions

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