

# Comprehensive Respiratory Care

Oxygen therapy, aerosol therapy, incentive spirometers



**Manage  
your patients'  
respiratory  
needs**

# Over-the-ear nasal cannulas

## High-quality medical supplies from one reliable source

Medline prioritises healthcare—including the critical respiratory needs of your patients—by providing high-quality and affordable solutions, and facilitating greater efficiency through our wide-ranging portfolio.

The oxygen therapy, aerosol delivery and air entrainment products in this brochure will not only help you enhance the management of respiratory needs, but also help you deliver more comprehensive and specialised care.

You can find further details and the technical specifications of our products within this brochure.

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## Essential

The curved nasal tips are thinner and softer to the touch and follow the anatomical contours of the patient's nose. The over-the-ear style cannulas are available in a variety of configurations, offering the customer a choice of nasal tips, oxygen tubing, and tubing connectors.

· flow rate: 1 – 7 lpm



Ref. 1103



Ref. 1104

### Adult over-the-ear nasal cannulas

Reference	Nasal tip		Tubing			Standard tubing connector	Pack factor
	Flared	Non-flared	Standard	Star-lumen	Length		
1103		x		x	210 cm	x	50
1103P*		x		x	210 cm	x	
1104	x			x	210 cm	x	
1104P*	x			x	210 cm	x	
41110		x		x	210 cm	x	

\*DEHP-free version

## SOFTECH®

Extremely lightweight and flexible, the SOFTECH cannulas are anatomically designed to enhance patient acceptance and comfort. The over-the-ear style optimises fit and stability. Paediatric and infant sizes are also available.

Hudson cannulas are available with either standard or universal hose-end connectors. The universal connectors are convenient and economical because they attach directly to flow metres, thus eliminating the need for nipple-and-nut adaptors.

· Made of non-DEHP material



Ref. 41820

### SOFTECH Nasal Cannulas

Reference	Size	Tubing		Tubing connector		Suggested flow rate	Pack factor
		Star Lumen®	Length	Standard	Universal		
41820	Adult	x	210 cm	x		4 lpm	50
41826	Paediatric	x	210 cm		x	3.5 lpm	
41828	Infant	x	210 cm	x		1.5 – 2 lpm	

Medline is pleased to provide an extensive latex-free product offering. Natural latex rubber may cause an allergic reaction. All products are produced in clean-room conditions.

SEE-THRU, MULTI-VENT, SELECT-A-VENT, SOFTECH, AQUAPAK, AQUATHERM, CORR-A-FLEX, ADDIPAK, NEB-U-MIST and the Hudson RCI logo are registered trademarks of Hudson RCI.

## SOFTECH® Plus Cannulas

Hudson SOFTECH Plus Nasal Cannulas help clinicians provide comfortable oxygen delivery to patients, made possible by the use of a soft non-DEHP material. The softest lariat yet, each cannula results in 30 per cent less surface friction in comparison to alternative cannulas in its category. Other benefits and features include:

- Provides flexibility and a more customised fit for patients via a specially designed notch between nasal prongs (excluding the Neonatal Softech Plus Nasal Cannula)
- Increases patient comfort through soft durometer lariat tubing
- Ensures crush- and kink-resistance through Star Lumen oxygen supply tubing on both adult and paediatric sizes
- Eliminates risks related to phthalates, as it is made from non-DEHP material
- Increases visibility and helps reduce connection errors as a result of green supply tubing.

### SOFTECH Plus Nasal Cannulas

Reference	Size	Tubing length	Star Lumen tubing	Standard connector	Pack factor
1870	Adult	210 cm	x	x	50
1871	Paediatric	210 cm	x	x	50
1872	Infant	210 cm	x	x	50
1873	Neonatal	210 cm	x	x	50
1877	Adult	420 cm	x	x	50



## Oxygen Supply Tubing



Hudson offers:

- Standard (Fig. 1)
- Kink- and crush-resistant Star Lumen (Fig. 2) tubing; the distinct tubing design features a five-channel inner lumen, which facilitates continuous oxygen flow
- Oxygen supply tubing that is available with either standard (Fig. 3) or universal hose-end connectors (Fig. 4); their universal connectors are convenient and economical because they attach directly to flowmeters, thus eliminating the need for nipple-and-nut adaptors.

### Oxygen Supply Tubing

Reference	Tubing		Connector		Length	Pack factor
	Standard	Star Lumen	Standard	Universal		
41113		x	x		210 cm	50
41113P*		x	x		210 cm	50
1115		x	x		210 cm	50
1115P*		x	x		210 cm	50
41118		x	x		420 cm	50
41119		x	x		760 cm	25
41120		x	x		1520 cm	25
41925	x			x	210 cm	50

\*DEHP-free version

## Oxygen Tubing Roll



Medline offers a device for use in oxygen therapy to connect the source of gas (air or oxygen) to an oxygen mask or nebuliser for administration to a patient.

The 30-m roll oxygen bubble tubing, with a 3-mm diameter, features bubbles every 90 cm, is non-sterile, and does not contain phthalates.

### Oxygen Tubing Roll

Reference	Length	Diameter	Description	Pack factor
NBTOXY3100	30 m	3mm	Bubble every 90 cm	1



# SEE-THRU® Masks

Medium concentration

## Over-the-chin mask

- Flow rate: 5 – 10 lpm
- Clear, soft vinyl



### Adult SEE-THRU mask

Reference	Description	Pack factor
41040	with 210 cm of oxygen supply tubing	50

### Paediatric SEE-THRU mask

Reference	Description	Pack factor
41035	with 210 cm of oxygen supply tubing	50

## Elongated mask

- Flow rate: 5 – 10 lpm
- Clear, soft vinyl



### Adult SEE-THRU Elongated Mask

Reference	Description	Pack factor
1041	with 210 cm of oxygen supply tubing	50
1041P*	with 210 cm of oxygen supply tubing (DEHP-free)	
1049	without oxygen supply tubing	

\*DEHP-free version

### Paediatric SEE-THRU Elongated Mask

Reference	Description	Pack factor
41042	with 210 cm of oxygen supply tubing	50
41042P*	with 210 cm of oxygen supply tubing (DEHP-free)	
41050	without oxygen supply tubing	

\*DEHP-free version

## Elongated with reservoir bag

- Allows exhalation into reservoir bag
- Flow rate: 5 – 10 lpm
- Clear, soft vinyl
- Adaptor swivels to accommodate patient position



### Adult SEE-THRU Elongated Mask with Reservoir Bag

Reference	Description	Pack factor
41007	with 210 cm of oxygen supply tubing	50

### Materials

- Mask: PVC with metal bracket
- Tubing: PVC
- Reservoir: PVC / 750 ml
- Neck band: polychloroprene

## 3-in-1 Elongated Mask

A 3-in-1 mask can be used as a medium-concentration, high-concentration or non-rebreathing mask.

Each unit includes a SEE-THRU mask with flapper valve, reservoir and oxygen connector.

- High concentration
- Flow rate: 5 – 10 lpm
- Clear, soft vinyl



### Adult 3-in-1 Elongated Mask

Reference	Description	Pack factor
41061	with 210 cm of oxygen supply tubing	50

### Materials

- Mask: PVC with metal bracket
- Tubing: PVC
- Reservoir: PVC / 750 ml
- Connector: polypropylene
- Neck band: polychloroprene

# Venturi Systems

## MULTI-VENT® Masks

- Optimal for patients who need precise FiO<sub>2</sub>, such as patients with chronic obstructive pulmonary disease (COPD)
- Integrates locking ring that secures flow setting
- Features colour-coded, air-entrainment low- and medium-concentration diluters
- Includes adaptor for high humidity (please refer to table on page 17)



Low-concentration diluter (green) for 24%, 26%, 28% and 30%



Medium-concentration diluter (white) for 35%, 40% and 50%

### Adult MULTI-VENT Elongated Mask

Reference	Description	Pack factor
41088	with 210 cm of oxygen supply tubing	50

### Paediatric MULTI-VENT elongated mask

Reference	Description	Pack factor
41089	with 210 cm of oxygen supply tubing	50

### MULTI-VENT total gas flow to patient\*

Oxygen % setting	Suggested oxygen flow	Total gas flow
24%	3 lpm	79 lpm
26%	3 lpm	47 lpm
28%	6 lpm	68 lpm
30%	6 lpm	53 lpm
35%	9 lpm	50 lpm
40%	12 lpm	50 lpm
50%	15 lpm	41 lpm

\*At specific diluter and flow settings

## SELECT-A-VENT® Air Entrainment Masks

- Optimal for patients who need precise FiO<sub>2</sub>, such as patients with chronic obstructive pulmonary disease (COPD)
- Available as a kit (including six diluters: 24%, 28%, 31%, 35%, 40% and 50%) or as a single diluter
- Complete with 210 cm of oxygen tubing supply
- Includes adaptor for high humidity



### Adult SELECT-A-VENT Air Entrainment masks

Reference	Description	Pack factor
41098	Kit with 210 cm of oxygen supply tubing	50
41098P*	Kit with 210-cm oxygen Star Lumen tubing (DEHP-free)	

\*DEHP-free version

### Materials

- Mask: PVC with metal bracket
- Tubing: PVC
- Connector: polypropylene
- Neck band: polychloroprene

# Non-rebreathing Masks

High concentration

## Half-open Mask with Safety Vent

- Prevents rebreathing and allows for exhaled gas to escape, as made possible by low-resistance check valve
- Flow rate: 5 – 10 lpm
- Clear, soft vinyl



### Adult Non-rebreathing Elongated Mask

Reference	Description	Pack factor
1059	with 210 cm of oxygen supply tubing	50
1059P*	with 210 cm of oxygen supply tubing (DEHP-free)	
41069	without oxygen supply tubing	

\*DEHP-free version

### Paediatric Non-rebreathing Elongated Mask

Reference	Description	Pack factor
41058	with 210 cm of oxygen supply tubing	50

## Closed Mask

- Prevents rebreathing and allows for exhaled gas to escape, as made possible by low-resistance check valve
- Flow rate: 10 – 12 lpm
- Clear, soft vinyl



### Adult Non-rebreathing Elongated Mask

Reference	Description	Pack factor
41060	with 210 cm of oxygen supply tubing	50

### Materials

- Mask: PVC with metal bracket
- Tubing: PVC
- Reservoir: PVC / 750 ml
- Valve: silicone
- Neck band: polychloroprene

## AQUAPAK®

### Pre-filled humidifiers

Hudson AQUAPAK® pre-filled humidifiers provide performance, safety and value, in addition to:

- Alerting the clinician to flow restriction or occlusion of the humidifier or oxygen tubing, by way of a humidifier adaptor that incorporates an audible alarm
- Increasing surface area agitation, allowing for noise-free humidification, by way of a micro-diffuser moulded into the reservoir bottle that produces smaller bubbles
- Offering oxygen tubing connector built into sterile reservoir bottles with an easy snap-off trigger design
- Facilitating the handling of gamma sterile, as made possible by the complete set paired with an insufflation adaptor.

### AQUAPAK Sterile Water with Humidifier Adaptor


Reference	Description	Pack factor
400340	340-ml sterile aqua dest., includes Ref. 400040 sterile Humidifier Adaptor	20
400640	650-ml sterile aqua dest., includes Ref. 400040 sterile Humidifier Adaptor	10
003-40F*	340-ml sterile dest., includes Ref. 000-40F sterile Humidifier Adaptor*	20
006-40F*	650-ml sterile dest., includes Ref. 000-40F sterile Humidifier Adaptor*	10

\*Compatible with French flowmeter connection

### AQUAPAK® Sterile Water without Humidifier Adaptor

Reference	Description	Pack factor
400301	340-ml sterile aqua dest., water reservoir only, for use with Ref. 400040 Humidifier Adaptor	20
400601	650-ml sterile aqua dest., water reservoir only, for use with Ref. 400040 Humidifier Adaptor	10

### Humidifier Adaptor

Reference	Description	Pack factor
400040	 <ul style="list-style-type: none"> <li>Sterile, clear adaptor body for use with Ref. 400301 or Ref. 400601</li> <li>Pressure relief valve 350 – 700 cm H<sub>2</sub>O</li> <li>Audible pop-off</li> <li>Single-use</li> </ul>	120
000-40F*	<ul style="list-style-type: none"> <li>Sterile, clear adaptor for use with Ref. 003-40F or Ref. 006-40F*</li> <li>Pressure relief valve 350 – 700 cm H<sub>2</sub>O</li> <li>Audible pop-off</li> <li>Single-use</li> </ul>	120

\*Compatible with French flowmeter connection

### Materials

- Bottle: polypropylene
- Adaptor: polycarbonate
- Tubing: PVC
- Valve: silicone



## Disposable Humidifier

Hudson offers humidifiers that can be used with the clinician's choice of water source. These disposable humidifiers incorporate an audible pressure-relief valve to signal occlusion of the humidifier or oxygen tubing.

Each humidifier features:

- Disposable, durable plastic with preset audible alarm at 280 cm H<sub>2</sub>O (4 psi) pressure relief
- Defined minimum and maximum water level lines.



### Disposable Humidifier

Reference	Filling volume	Pack factor
3230	500 ml	50

### Materials

- Housing: polyethelene
- Adaptor: polypropylene
- Pressure compensation
- Valve: silicone





# Aerosol Therapy

## MICRO MIST® Small-Volume Nebuliser

The MICRO MIST small-volume nebuliser produces a fine, dense mist at angles up to 90°, with optimal particle size, efficient nebulisation rates and minimal residuals.

Each is designed for performance and economy and can be used for hand-held or in-line treatments. The MICRO MIST features an easy-seal, threaded cap and a 6-ml capacity anti-spill jar to help prevent leakage and ensure easy assembly/disassembly.

The innovative capillary design of the MICRO MIST allows the clinician to administer medications to patients with special treatment requirements, such as those who are positioned horizontally.

It is not for use with oily medication.



### MICRO MIST Small-Volume Nebuliser

Reference	MICRO MIST Nebuliser	Tee	Mouthpiece Ref. 41565	15-cm Reservoir Tubing	210-cm Tubing	Standard Tubing Connector Ref. 1115	Universal Tubing Connector Ref. 41925	Adult Mask Ref. 1083	Paediatric Mask Ref. 41085	Pack factor
41880**	x									50
41883**	x	x	x	x	x	x				
41890	x									
41891	x	x			x	x				
41892	x	x	x		x	x				
41892P*	x	x	x		x	x				
41893	x				x	x		x		
41893P*	x				x	x		x		
41894	x				x	x			x	
41894P*	x				x	x			x	
41895	x	x	x	x	x		x			
41898	x				x		x	x		

\*DEHP-free version

\*\*Ref. 41883 and Ref. 41880 have 18-mm cap and tee. All others have 22-mm connectors.

### Materials

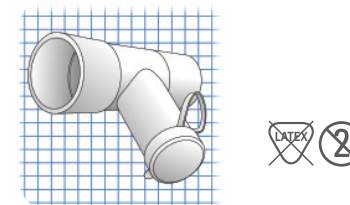
- Aerosol mask: PVC
- Housing: polystyrene
- Tee: K-resin
- Valve: polyisoprene

## MICRO MIST® Nebuliser with In-Line Neb Tee™ with Valve

This specialised MICRO MIST device allows for the delivery of treatment without opening the circuit or interrupting ventilation, by way of a built-in spring-loaded self-opening and closing valve. In addition, it simplifies access to 22-mm ventilator circuits for small-volume nebuliser treatments, featuring a Neb Tee with 22-mm ID and 22-mm OD connectors.

- Recommended minimum volume: 1 ml
- Recommended flow rate: 8 lpm
- Mass median aerodynamic diameter (MMAD): 2.7 microns
- Nebulisation rate: 0.34 ml/min
- Volume of nebulisation jar: 6 ml

It is not for use with oily medication.



### MICRO MIST Nebuliser with In-Line Neb Tee with Valve

Reference	MICRO MIST Nebuliser	Neb Tee	Flextube 22 F/15 F	210-cm Tubing	Standard Tubing Connector	Pack factor
41745	x	x	x	x	x	50

### Materials

- Aerosol mask: PVC
- Housing: polyisoprene
- Tee: K-resin
- Valve: polyisoprene

## UP-DRAFT® II Nebuliser

The compact, high-output UP-DRAFT II:

- Produces a concentrated mist at flow rates of 5 – 9 lpm
- Nebulises at angles up to 45° to accommodate special treatment requirements
- Prevents leakage and ensure easy assembly/disassembly by way of an easy-seal, threaded cap and 8-ml capacity scalloped skirt anti-spill jar
- Offers exceptional mist, therapeutic particle size, and efficient nebulisation times.

Additional features:

- Recommended flow rate: 5 – 9 lpm
- MMAD: 2 – 3 microns
- Nebulisation rate: 0.2 – 0.3 ml/min.
- Volume: 8 ml

It is not for use with oily medication.



### Materials

- Aerosol mask: PVC with metal bracket
- Housing: polystyrene
- tubing: PVC
- Tee: K-resin



### UP-DRAFT II Nebuliser

Reference	UP-DRAFT II Nebuliser	Tee Ref. 41651	Mouthpiece Ref. 41565	15-cm Reservoir Tubing	210-cm Tubing	Adult Mask Ref. 1083	Paediatric Mask Ref. 41085	Pack factor
41705	x				x	x		50
41707	x				x		x	
41730	x							
41732	x	x	x		x			
1734	x	x	x	x	x			

## UP-DRAFT® Nebuliser

The UP-DRAFT nebuliser is:

- Ideal for hospital or home care settings where its size, design and performance make it especially suitable
- Leak-proof, thanks to a screw-on lid that forms a seal and is easy to assemble/disassemble.
- Suitable for use with large amounts of liquids; made possible by the large-capacity, free-standing jar (5 – 15 ml) with its clearly marked maximum fill line and the low-resistance jet orifice.

Additional features:

- Recommended flow rate: 5 – 9 lpm
- MMAD: 2 – 3 microns
- Nebulisation rate: 0.2 – 0.3 ml/min.
- Volume: 15 ml

It is not for use with oily medication.



### UP-DRAFT Nebuliser

Reference	UP-DRAFT Nebuliser	Tee Ref. 41651	Mouthpiece Ref. 41565	210-cm Tubing	Adult Mask, Ref. 1083 (Under chin)	Pack factor
41710	x			x	x	50
41720	x	x	x	x		



### Materials

- Aerosol mask: PVC with metal bracket
- Housing: polyisoprene
- Tee: K-resin



## ISO-NEB® Pentamidine Nebulisation Set with Filter

The ISO-NEB filtered nebuliser system:

- Helps reduce environmental contamination during aerosol therapy
- Allows for inspiratory and expiratory flow to be isolated, thanks to one-way valves with exhalation directed through an efficient filter system
- Protects staff and environment from spray residue, by way of the electrostatically charged pathogen filter, which has a 99.999/99.99% bacterial/viral filtration rating
- Operates vertically or at an angle up to 45°
- Incorporates the UP-DRAFT II, which is a high-output, 8-ml, small-volume nebuliser that
- Recommended flow rate: 5 – 9 lpm
- MMAD: 2 – 3 microns
- Nebulisation rate: 0.2 – 0.3 ml/min.
- Volume: 8 ml
- Individually packed



### ISO-NEB Pentamidine Nebulisation Set

Reference	Description	Pack factor
41755	With filter	20



## Side-Draft Neb-U-Mist Nebuliser

- 'Side-draft' style small-volume nebuliser
- Nebuliser with tee and mouthpiece



### Side-Draft NEB-U-MIST Nebuliser

Reference	Description	Pack factor
41897	with tee and mouthpiece	50



## AQUAPAK®

Pre-filled Nebulisers

AQUAPAK pre-filled nebulisers offer versatile, sterile systems to provide cold or heated nebulisation. Choose from a wide variety of reservoirs, adaptors and solutions to meet specific patient requirements efficiently and economically.

- Gamma sterile



### Nebuliser Adaptor 028

Reference	Description	Pack factor
403128	<ul style="list-style-type: none"> <li>· Venturi-style entrainment ring allows the selection of oxygen concentrations from 28% to 98%</li> <li>· Adaptor: polycarbonate</li> <li>· Individually packed</li> <li>· Sterile</li> </ul>	50
031-28F*	<ul style="list-style-type: none"> <li>· Sterile, clear adaptor body for use with Ref. 044-28F and 037-28F*</li> <li>· Pressure relief valve 350 – 700 cm H2O</li> <li>· Audible pop-off</li> <li>· Single-use</li> </ul>	120

\*Compatible with French flowmeter connection

### Nebuliser Adaptor 033

Reference	Description	Pack factor
403133	<ul style="list-style-type: none"> <li>· Quiet adaptor allows the selection of oxygen concentrations from 33% to 98% to meet the needs of the ICU patient</li> <li>· Adaptor: polycarbonate</li> <li>· Individually packed</li> <li>· Sterile</li> </ul>	50

### Closed Sterile Water System for Mechanical Nebulisation + Adaptor

Reference	440 ml	760 ml	1070 ml	Sterile water	0.9% Saline	Adaptor 028	Adaptor 028F*	Adaptor 033	Pack factor
400400	x			x					20
044-28F*	x			x			x		20
403128						x			50
403133								x	50
403700		x		x					10
037-28F*		x		x			x		10
403709		x			x				10
403728		x		x		x			10
404128			x	x		x			10
404428	x			x		x			20

\*Compatible with French flowmeter connection

## Disposable Large-Volume Nebuliser for Mechanical Ventilation

- 500 ml
- Defined maximum and minimum water level lines
- Concentration: 28%- 98%
- Individually packed



### Disposable Large-Volume Nebuliser for Mechanical Ventilation

Reference	Description	Pack factor
41770	Nebuliser for mechanical ventilation	50



- Materials**
- Housing: polyethylene
  - Adaptor: polycarbonate

## AQUATHERM® III External Adjustable Electronic Heater

- Provides heated aerosol by attaching onto the nebuliser system
- Adjustable aerosol temperature to meet patient needs with a sensitive temperature controller
- Robust, durable heater

### AQUATHERM III External Adjustable Electronic Heater

Reference	Description	Pack factor
050-12 D	220 – 240 V, 50 Hz	1
050-12 E	United Kingdom-style power plug	



## Tracheostomy Mask

- For tracheostomy and laryngectomy aerosol therapy
- Tubing connector swivels 360°
- Accepts 22-mm ID corrugated tubing
- Individually packed



### Tracheostomy Mask

Reference	Description	Pack factor
1075	with adult-size mask	50
41076	with paediatric-size mask	



## Aerosol Mask

- Specifically designed for aerosol therapy
- Connector accepts 22-mm aerosol tubing
- Clear, soft vinyl
- Individually packed



### Aerosol Mask

Reference	Description	Pack factor
1083	with adult-size mask	50
1083P*	with adult-size mask (DEHP-free)	
41085	with paediatric-size mask	

\*DEHP-free version



## Face Tent Mask

- For high-humidity aerosol therapy
- Connector accepts 22-mm aerosol tubing
- Clear, soft vinyl
- Individually packed



### Face Tent Mask

Reference	Description	Pack factor
41095	Face tent	50



- Materials**
- Mask: PV with metal bracket
  - Adaptor: polyethylene
  - Neck band: polycloprene

## CORR-A-FLEX® II Roll Tubing

- For heated and non-heated therapy applications
- slips on and locks securely to 22-mm adaptors, thanks to collar on tubing ends
- Extremely lightweight and flexible
- With cuttable sections every 15 cm
- 30.4-m roll; polyurethane (PE)



### CORR-A-FLEX II Roll Tubing

Reference	Description	Pack factor
1680	Roll tubing	1 roll

## CORR-A-FLEX® tube

- Collared tubing end slips on and locks to 22 mm adaptors for secure fit
- Exceptionally flexible, lightweight tubing, PE
- Length of 180 cm
- With cuttable sections every 15 cm
- Individually packed



### CORR-A-FLEX Tube

Reference	Description	Pack factor
41518	Roll tubing	50

## Aerosol Drainage System

- Self-locking plastic chain secures bag to a stable object
- Disposable drainage bag with a tee adaptor which accepts standard 22-mm ID corrugated tubing
- Convenient drainage port
- Material: Tee polyethylene, bag PVC



### Aerosol Drainage System

Reference	Description	Pack factor
41740	750 ml	50

## ADDIPAK® Unit Dose

- 3-ml and 5-ml vials of sterile 0.9% saline solution for inhalation therapy
- Inverted millilitre graduations for accurate dispensing



### ADDIPAK Unit Dose

Reference	Description	Pack factor
200-39	0.9% - full normal saline, 3 ml (pink vial)	100
200-69	0.9% - full normal saline, 15 ml (pink vial)	48

# Incentive Spirometers

Effective breathing therapy with sustained maximal inspiration

Hudson incentive spirometers visualise patients' breathing performance (ball, markings) and induce them to take deeper and longer breaths. Since they do not need to be reprocessed, these single-patient products are also very economical.

## TRIFLO® II

- Flow-oriented, 3-ball incentive spirometer with mouthpiece and tubing
- 3 colour-coded balls/3 chambers
- Minimum flow imprinted on each chamber
- Compact design and break-resistant plastic

### TRIFLO II

Reference	Flow rate	Size	Pack factor
8884717395	600 – 1200 ml/sec.	Housing: 13.5 (length) x 7 (width) x 14 (height) cm Tubing: 28 cm Mouthpiece: 6.5 cm	12



## VOLDYNE®

- Volume-oriented incentive spirometer with mouthpiece and tubing
- 2 sizes to facilitate both small and large inspired volumes
- Compact, economical design with built-in handle
- Markings on both sides

### VOLDYNE 2500 / Voldyne 4000

Reference	Description	Volume measurement	Size	Pack factor
8884719018	Voldyne 2500 for adult and paediatric use	250 ml to 2500 ml	Housing: 17 (length) x 7 (width) x 15.4 (height) cm Tubing: collapsed length 12.2 cm +/- 2.5 cm Mouthpiece: 5.9 cm overall but only 3.7 cm exposed since it clicks into the tubing	12
8884719016	Voldyne 4000 for adult use	250 ml to 4000 ml	Housing: 17 (length) x 7 (width) x 15.4 (height) cm Tubing: collapsed length 12.2 cm +/- 2.5 cm and expanded length of 30 cm +/- 2.5 cm Mouthpiece: 5.9 cm overall but only 3.7 cm exposed since it clicks into the tubing	
8884719015	Voldyne 2500 for paediatric use	250 ml to 2500 ml	Housing: -17 (length) x 7 (width) x 15.4 (height) cm Tubing: collapsed length 12.2 cm +/- 2.5 cm and expanded length of 30 cm +/- 2.5 cm Mouthpiece: 5.9 cm overall but only 3.7 cm exposed since it clicks into the tubing	

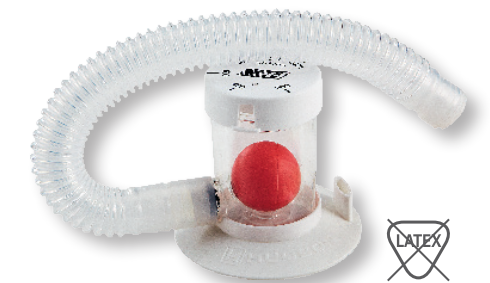


## Lung Volume Exerciser

- Dual-chamber design creates a constant resistance for deep and prolonged inspiration
- Flow-oriented incentive spirometer with mouthpiece and tubing
- Break-resistant material

### Lung Volume Exerciser

Reference	Flow rate	Pack factor
41750	200 – 1200 ml/sec. (adjustable flow settings); for adult and paediatric use	10






# Adaptors and Connectors

## Reference Guide

### Adaptors and connectors



**Tubing Adaptor**  
 · Standard 22-mm OD x 22-mm ID  
 · 50 per case




**Universal Cuff Adaptor**  
 · Standard 22-mm ID connections  
 · 50 per case




**Multi Adaptor**  
 · Standard 15-mm ID x 22 mm OD  
 · 50 per case




**Large Tubing Connector**  
 · Standard 22-mm OD x 22-mm OD connections  
 · 50 per case




**Monitoring Adaptor**  
 · 15-mm OD x 15-mm ID/ 22-mm OD connectors  
 · Standard luer fitting  
 · Can be used with Lifesaver® resuscitation bags  
 · 50 per case



**Pressure Line Adaptor**  
 · 22-mm OD x 22-mm ID connections  
 · Elbow swivels 360°  
 · Barbed elbow accepts 5- to 7-mm ID tubing  
 · 50 per case



**Tubing Connector**  
 · Couples oxygen supply tubing using 5- to 7-mm end connectors  
 · 50 per case



**Tubing Adaptor**  
 · 22-mm ID x 5- to 7-mm tapered nipple  
 · Can be used with tracheostomy mask (item code 1075)  
 · 50 per case



**Nipple-and-Nut Adaptor**  
 · Hose adaptor for standard DISS oxygen outlets  
 · 50 per case



**Soft Cuff Adaptor**  
 · Approximately 21-mm ID x 19-mm ID  
 · Made of flexible material  
 · 50 per case


### Elbows



**Patient Elbow Adaptor**  
 · 15-mm OD x 15-mm ID/ 22 mm OD  
 · 50 per case



**Gas-Sampling Adaptor**  
 · 15-mm OD x 15-mm ID/22-mm OD  
 · Female luer lock connection; swivels 360°  
 · 50 per case



**Norman Mask Elbow**  
 · 15-mm OD x 15-mm ID/ 22-mm OD  
 · Elbow accepts 5- to 7-mm ID tubing; swivels 360°  
 · 50 per case

### Wyes




**Universal Wye Connector**  
 · 22-mm OD tubing connections  
 · 15-mm ID/22-mm OD  
 · Patient connection




**Adult Near-Parallel Wye**  
 · 22-mm OD tubing connections  
 · 15-mm ID/22-mm OD  
 · No ports  
 · 50 per case

### ConchaTherm® Adaptors




**Tubing Adaptor**  
 · Tapered fitting up to 7-mm 15.5-mm ID /19-mm OD  
 · Designed to be used with Concha® heated humidifier



**Oxygen Dilutor**  
 · Adjustable 26 to 90%  
 · Allows for the delivery of heated humidity at specific oxygen concentrations when used with Concha® humidifier


### One-way Valves



**One-Way Valve**  
 · Low-flow resistance  
 · 22-mm OD to 22-mm ID  
 · 50 per case




**One-Way Valve**  
 · Low-flow resistance  
 · 22-mm OD to 22-mm ID  
 · 50 per case




**Valved Tee**  
 · Assembled tee  
 · 2 one-way valves allow gas to flow in only one direction  
 · 50 per case

### MDI adaptors




**MDI Adaptor**  
 · 22-mm OD x 22-mm ID connections for in-line placement in 22-mm tubing  
 · 50 per case

### Drainage systems




**Drainage Bag**  
 · Disposable drainage bag with tee adaptor accepts standard 22-mm ID corrugated tubing  
 · 750-cc bag capacity  
 · Self-locking plastic chain secures bag to a stable object  
 · Convenient drainage port

### Water traps



**70-cc Water Trap**  
 · 22-mm OD x 22-mm OD tubing connectors  
 · Self-sealing lid to ensure circuit patency  
 · 50 per case



**Water Trap**  
 · Collects moisture that can accumulate in O2 tubing  
 · Accepts all standard and crush-resistant oxygen supply tubing  
 · 20.32 cm-long with a 2.54-cm diameter


### Tees



**Tee Connector**  
 · 22-mm OD x 15-mm ID/ 22-mm OD x 22-mm OD  
 · 50 per case




**Anti-spill Tee Connector**  
 · Anti-spill design minimises aspiration of liquids  
 · 22-mm OD x 15-mm ID/ 22-mm OD x 22-mm OD  
 · 50 per case



**Nebuliser Tee Connector**  
 · 22-mm OD x 18-mm ID/ 22-mm ID  
 · Port accepts most small volume nebulisers  
 · 50 per case



**Mouthpiece**  
 · Standard mouthpiece with 15-mm/22-mm OD connection  
 · 50 per case

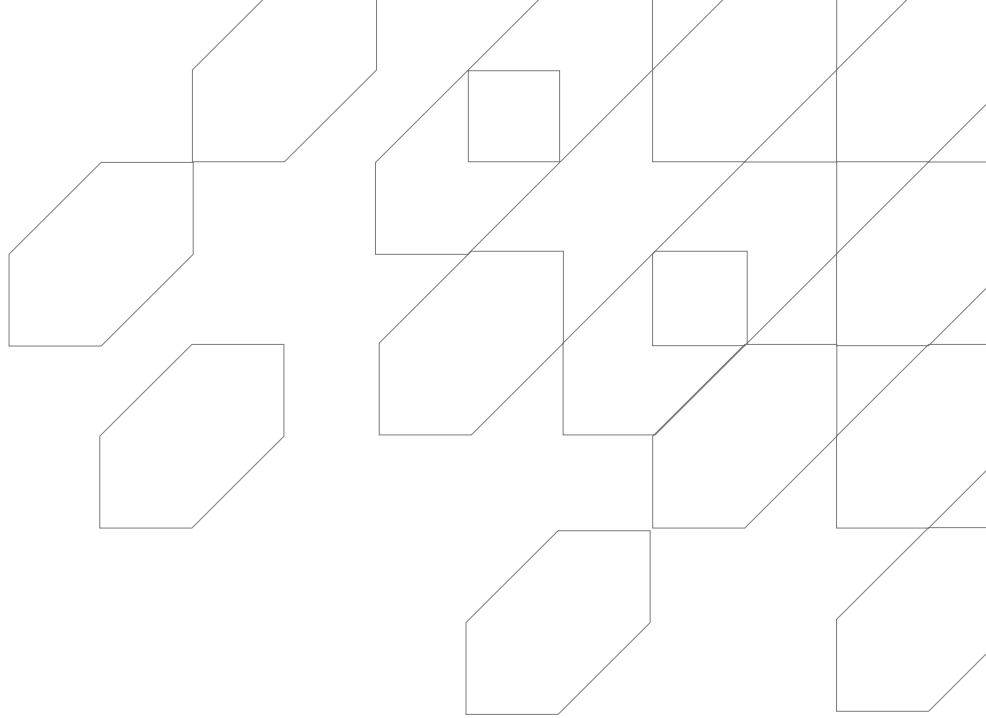


**Trach Tee Oxygenator**  
 · Allows administration of oxygen to endotracheal or tracheostomy tubes  
 · Includes oxygen nipple adaptor, aerosol tee and 15.24 cm

### Cylinders/Wrenches



**Cylinder Wrench**  
 · Made of die-cast zinc  
 · Sold individually



To learn more about these products, contact your Medline account manager or visit [uk.medline.eu](http://uk.medline.eu)



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1030 Brussels, Belgium  2460 (DNV/GL (EC) / TÜV Rheinland (ISO))

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Athlone Co. Westmeath, Ireland  124 (DEKRA CERTIFICATION GmbH)



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Erftestraße 80  
20537 Hamburg, Germany  0197 (TÜV Rheinland LGA Products GmbH)

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