Other Filters

Pulmonary Function Test Filter

Protecting both patient and pulmonary function testing equipment, the PFT Filter reduces the risk of cross-contamination between patients and equipment with minimal resistance to ensure that the test results are as accurate as possible. Reducing the risk of transmitting respiratory pathogens with the use of the Flexicare PFT Filter during normal breathing or forced vital capacity testing meets the American Thoracic Society recommendations for resistance in PFT equipment.

Efficiency	99.99%
Resistance 30L/min	0.4cm H_2O
Volume/Dead Space	135ml
Height	250ml
Weight	41g



038-41-395	Pulmonary Function Test Filter	50
038-41-394	Nose Clip for use with Pulmonary Function Test Filter	50

Sterile Filters

To minimise the risk of cross-infection and provide clinicians with additional reassurance that their patient is receiving the best possible care, Flexicare offers a range of sterile packed VentiShield™, HepaShield™ and ThermoShield™ filters.

VentiShield Sterile

038-42-365STR	Mini Bacterial / Viral Filter with tethered cap port	50
038-41-360STR	Adult Bacterial / Viral Filter	50
038-41-365STR	Adult Bacterial / Viral Filter with tethered cap port	50
038-41-340STR	Adult Angled Bacterial / Viral Filter	50
038-41-345STR	Adult Angled Bacterial / Viral Filter with tethered cap port	50

HepaShield Sterile

038-42-380STR	Paediatric Pleated Hydrophobic Bacterial / Viral Filter	50
038-42-385STR	Paediatric Pleated Hydrophobic Bacterial / Viral filter with tethered cap port	50
038-42-386STR	Paediatric Pleated Hydrophobic Bacterial / Viral Filter with tethered cap port + Catheter Mount with Plain Elbow (22M/15F)	50
038-41-370STR	Adult Pleated Hydrophobic Bacterial / Viral Filter	50
038-41-375STR	Adult Pleated Hydrophobic Bacterial / Viral Filter with tethered cap port	50
038-41-376STR	Adult Pleated Hydrophobic Bacterial / Viral Filter with tethered cap port + Expandable Catheter Mount with Double Swivel Elbow + Elastomeric Cap	50

ThermoShield Sterile

038-42-355STR	Mini Bacterial / Viral Filter + HME with tethered cap port	50
038-41-350STR	Adult Bacterial / Viral Filter + HME	50
038-41-330STR	Adult Angled Bacterial / Viral Filter + HME	50
038-41-355STR	Adult Bacterial / Viral Filter + HME with tethered cap port	50
038-41-335STR	Adult Angled Bacterial / Viral Filter + HME with tethered cap port	50
038-41-355LSSTR	LuerSafe Adult Bacterial / Viral Filter + HME with self-sealing port	50
038-41-335LSSTR	LuerSafe Adult Angled Bacterial / Viral Filter + HME with self-sealing port	50
038-41-357STR	Adult Bacterial / Viral Filter + HME with tethered cap port + 15mm tube + Low Profile Elbow (22M/15F)	50
038-41-359STR	Adult Bacterial / Viral Filter with tethered cap port + Expandable Catheter Mount with Double Swivel Elbow & Elastomeric Cap	50

OXYGEN & AEROSOL THERAPY

Flexicare's Oxygen and Aerosol Therapy products include Variable and Fixed Concentration Oxygen Masks, Nasal Cannulae, End Tidal CO_2 Monitoring and Post-Operative Oxygen Therapy consumables, Nebulisers and Nebuliser Kits

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Principles of Oxygen Therapy & Aerosol Therapy

Oxygen Therapy

Oxygen therapy devices for spontaneously breathing patients fall into two categories, Variable Performance or Fixed Performance.

1. Variable Performance

Variable performance devices, such as nasal cannulae and masks with or without a rebreathing bag, deliver uncontrolled oxygen therapy because the patient's breathing affects the concentration of the inspired mixture.

Various factors influence the inspired oxygen concentration when using variable performance devices including an irregular breathing pattern coupled with the use of an oxygen flow less than the patient's inspiratory flow rate, so the patient inhales an unpredictable mixture of oxygen and ambient air. In addition, the size and fit of the mask, and size and placement of the mask vents will cause variation in inspired oxygen concentrations.

Therefore the delivered oxygen concentration varies not only on a breath by breath basis, but also from patient to patient.

2. Fixed Performance

These devices allow controlled (known, fixed and selectable) oxygen dosage. They create a constant proportion of air/oxygen mixture in excess of patient inspiratory flow rate and are independent of patient factors or fit to the face. With gas flow constantly in excess of patient demand and with enhanced CO2 washout, rebreathing is virtually eliminated.

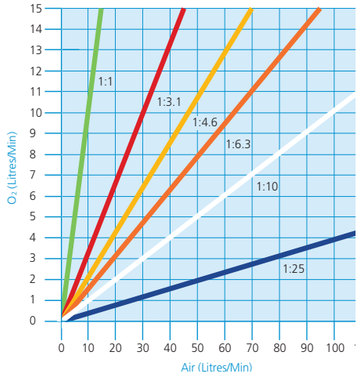
To work efficiently and to prevent air dilution a fixed performance device should incorporate:

a. A large volume face piece (not less than 280ml)
b. Gas mixture flowing directly towards the nose and mouth
c. Vents positioned well away from the patient airway.

Fixed performance devices are sometimes referred to as venturi or air entrainment masks.

Calculating total gas mixture flow rates

Using the mixture graph below, the total gas flow rate available to the patient can be assessed.



Aerosol Therapy

Medication Nebulisers - also known as jet or small volume nebulisers (SVN) are used to turn medication into an aerosolised mist for delivery directly into the patient's lungs.
Inhaled aerosols have considerable advantages in the treatment of many lung diseases including bronchitis and cystic fibrosis.

Nebuliser Performance - Important nebuliser performance characteristics include the aerosol particle size, drug output, nebulising time and the amount of drug delivered to the patient. The performance of a nebuliser is affected by the device construction, fill volume, flow temperature and humidity of the driving gas.

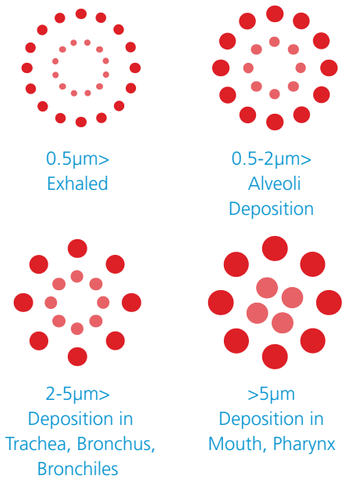
Particle Size - The area of drug deposition in the airway is determined by the particle size. Too large and the particles do not reach the lower respiratory tract, too small and they are not taken up by the alveoli and will be exhaled.

Dead Volume - The volume of medication not delivered to the patient at the completion of the nebulisation process.

Respirable Mass - The amount of aerosolised drug available to the patient based on a combination of drug output and the percentage of particles in the respirable range

Nebulising Time - The time from starting nebulisation until continuous nebulisation has ceased and depends on the flow rate, compressed air and the construction of the nebuliser. Optimal flow rates are between 6-8 l/min.

Aerosol Particle Deposition



Fixed Concentration

Clinically proven that "only the Ventimask is able to provide a fixed and predictable oxygen concentration under conditions of the changing ventilatory patterns found in clinical practice."[1] Ventimask is the accepted standard for controlled oxygen therapy for exact oxygen concentration delivery, optimum clinical performance and greater patient acceptability.

Ventimask®

Large Capacity
Large 280ml face piece capacity minimises air dilution.

Soft and Flexible
The construction of the facemask ensures maximum comfort.

Latex Free Straps
Latex free elastic straps eliminate the risk of allergic reactions.



Horizontal Gas Flow
Horizontal gas flow avoids eye irritation.

Exhalation Vents
Extraneous air dilution is greatly reduced by Exhalation Vents, enhancing CO_2 washout and preventing pressure build up.

Ventimask

037-10-007	Ventimask without Venturi Barrel	50

Ventimask with Venturi Barrel



037-10-001	Ventimask with 24% Blue Venturi (2 litres/minute)	50
037-10-002	Ventimask with 28% White Venturi (4 litres/minute)	50
037-10-010	Ventimask with 31% Orange Venturi (6 litres/minute)	50
037-10-003	Ventimask with 35% Yellow Venturi (8 litres/minute)	50
037-10-004	Ventimask with 40% Red Venturi (10 litres/minute)	50
037-10-005	Ventimask with 60% Green Venturi (15 litres/minute)	50
037-10-006	Ventimask with 28% White Venturi in situ (2 litres/minute - for use at home)	40

Ventimask O_2 Concentration Sets



Low O_2 Set



High O_2 Set



6 Venturies

037-10-008	Ventimask Low O_2 Concentration Set with 24%, 28%, 31% & 35% Venturies	50
037-10-009	Ventimask High O_2 Concentration Set with 40% & 60% Venturies	50
037-10-012	Ventimask with 6 Venturies 24%, 28%, 31%, 35%, 40% & 60%	40

1 Fixed performance oxygen masks. Hypoxic hazard of low-capacity designs. D Cox & C Gillbe. Anaesthesia, 1981, Volume 36, pages 958-964

Fixed Concentration

Single Venturi Masks

Venturi, or High Air Flow Oxygen Enrichment (HAFOE), masks incorporate a Venturi Barrel and use the Bernoulli Principle to provide a predetermined and fixed concentration of oxygen. Delivering a gas flow higher than the peak inspiratory flow rate means the oxygen concentration is unaffected by the patient's respiratory pattern.



ADULT	ADULT + OXYGEN TUBING	ADULT + RESERVOIR TUBE	ADULT + RESERVOIR TUBE + OXYGEN TUBING			
032-10-040	032-10-040T	032-10-040C	032-10-040CT	Venturi Mask 24%		50
032-10-041	032-10-041T	032-10-041C	032-10-041CT	Venturi Mask 28%		50
032-10-048	032-10-048T	032-10-048C	032-10-048CT	Venturi Mask 31%		50
032-10-042	032-10-042T	032-10-042C	032-10-042CT	Venturi Mask 35%		50
032-10-043	032-10-043T	032-10-043C	032-10-043CT	Venturi Mask 40%		50
032-10-044	032-10-044T	032-10-044C	032-10-044CT	Venturi Mask 60%		50

PAEDIATRIC	PAEDIATRIC + OXYGEN TUBING	PAEDIATRIC + RESERVOIR TUBE	PAEDIATRIC + RESERVOIR TUBE + OXYGEN TUBING			
032-10-050	032-10-050T	032-10-050C	032-10-050CT	Venturi Mask 24%		50
032-10-051	032-10-051T	032-10-051C	032-10-051CT	Venturi Mask 28%		50
032-10-058	032-10-058T	032-10-058C	032-10-058CT	Venturi Mask 31%		50
032-10-052	032-10-052T	032-10-052C	032-10-052CT	Venturi Mask 35%		50
032-10-053	032-10-053T	032-10-053C	032-10-053CT	Venturi Mask 40%		50
032-10-054	032-10-054T	032-10-054C	032-10-054CT	Venturi Mask 60%		50

Fixed Concentration

Aerosol Masks, Multi Venturi Masks & Venturi Barrels

When the required concentration needs to change during the oxygen therapy treatment pathway, the adult aerosol mask, with a choice of 6 venturies or a multi venturi mask kit, offers a convenient and cost effective option to meet the individual patient's requirements. The aerosol mask can be used with a nebuliser or 22mm corrugated tubing for combined oxygen therapy and humidification.



Aerosol Masks and Venturies

032-10-006	Adult Aerosol Mask		50
032-10-006SM	Small Adult Aerosol Mask		50
032-10-006NC	Adult Aerosol Mask with Nose Clip		50
032-10-026	Adult Mask with 2 Venturies 40% & 60%		50
032-10-027	Adult Mask with 2 Venturies 40% & 60% with Tubing		50
032-10-024	Adult Mask with 5 Venturies 24%, 28%, 31%, 35% & 40%		50
032-10-025	Adult Mask with 5 Venturies 24%, 28%, 31%, 35% & 40% with Tubing		50
032-10-028	Adult Mask with 6 Venturies 24%, 28%, 31%, 35%, 40% & 60%		50
032-10-028T	Adult Mask with 6 Venturies 24%, 28%, 31%, 35%, 40% & 60% with Tubing		50
032-10-028NC	Adult Mask with 6 Venturies 24%, 28%, 31%, 35%, 40% & 60% with Nose Clip		50
032-10-010	Paediatric Aerosol Mask		50
032-10-055T	Paediatric Mask with 6 Venturies 24, 28, 31, 35, 40 & 60% with Tubing		50

VENTURI BARREL	WITH RESERVOIR TUBE			
034-10-026	034-10-026C	Venturi Barrel 24% Blue		50
034-10-027	034-10-027C	Venturi Barrel 28% White		50
034-10-032	034-10-032C	Venturi Barrel 31% Orange		50
034-10-028	034-10-028C	Venturi Barrel 35% Yellow		50
034-10-029	034-10-029C	Venturi Barrel 40% Red		50
034-10-030	034-10-030C	Venturi Barrel 60% Green		50
034-10-031		Blank Venturi (Oxygen Connector)		40

Variable Concentration

Medium Concentration Masks
The Medium Concentration Mask (MC) is a small capacity variable performance mask. At a flow rate of 6-8 litres/minute the MC Mask delivers an oxygen concentration of 40% to 50% depending on the patient's breathing rate and tidal volume.

Easy Fit with Good Seal
The soft, pliable mask moulds easily to the patient's face and feather-edge rim offers excellent fit and maximum patient comfort.

Clear Observation of Face Colour and Vital Signs
The clear and colourless mask for accurate visual checking of the patient's status.

Patient Comfort
The knitted latex free strap maintains its width when stretched and reduces pressure on patients' skin and helps protect from pressure sores.



Reduced Eye Irritation
The angled O_2 Inlet directs oxygen into the nostrils, not upwards towards the eyes.

Eliminate Risk of Patient Injury
The design of the plastic nose bridge eliminates the need for a metal nose bridge, thus eliminating the risk of injury to patients, especially children.

Nose Clip
Adult MC masks are also available with a nose clip.

Fitting Option
The Adult mask has the option of earloops, ideal for patients with restricted head movement.

Stepped Oxygen Inlet
Ensures easy and secure connection to oxygen tubing.

Swivel Connector
The connector can be rotated to the most convenient and comfortable position for the patient.

032-10-001	Adult MC Mask with Head Strap	50
032-10-001SM	Small Adult MC Mask with Head Strap	50
032-10-002	Adult MC Mask with Head Strap and Tubing	50
032-10-002NC	Adult MC Mask with Head Strap, Tubing and Nose Clip	50
032-10-013	Adult MC Mask with Earloops	50
032-10-014	Adult MC Mask with Earloops and Tubing	50
032-10-014NC	Adult MC Mask with Earloops, Tubing and Nose Clip	50
032-10-008	Paediatric MC Mask with Head Strap	50
032-10-009	Paediatric MC Mask with Head Strap and Tubing	50

Variable Concentration

Nasal Cannula
Nasal Cannulae are used for their simplicity and patient compliance in delivering supplementary oxygen. Ambient air is entrained through the nostrils, with the FiO_2 achieved being proportional to the flow rate of oxygen (1-6 l/min), the patient's tidal volume, inspiratory flow rate, and the volume of the nasal pharynx.

At an oxygen flow rate of 2 l/min the oxygen concentration in the hypopharynx of a resting person is 25% - 30%. Nasal Cannulae prevent rebreathing and are comfortable for long periods.

There is increased therapy compliance with nasal cannulae as patients are able to speak, eat and drink. Use of humidified oxygen is recommended to reduce discomfort and drying of the mucosal wall in the nasal cavities, particularly when using flows of greater than 4 l/min.



Improved Patient Comfort
Soft-touch tubing over the ears and face increases patient comfort and improves patient experience.

Better Care with Reduced Costs
35% of all pressure ulcers acquired in hospital from medical devices affect the ears[1]. Flexicare's Soft-touch tubing minimises stresses in this delicate area, reducing the potential for skin breakdown and associated costs.

Adult Nasal Cannulas

032-10-020	Adult Nasal Cannula	100
032-10-020FC	Adult Flared Curved Nasal Cannula	100
032-10-022	Adult Nasal Cannula with 2.1m Tubing	100
032-10-022FC	Adult Flared Nasal Cannula with 2.1m Tubing	100
032-10-107	Adult Flared Tip Nasal Cannula	100

Soft Tip Curved Nasal Cannulas

032-10-101	Adult Soft Tip Curved Nasal Cannula with Tubing	100
032-10-102	Adult Soft Tip Curved Nasal Cannula	100
032-10-103	Paediatric Soft Tip Curved Nasal Cannula with Tubing	100
032-10-104	Paediatric Soft Tip Curved Nasal Cannula	100
032-10-105	Neonatal Soft Tip Curved Nasal Cannula with Tubing	100

Nasal Cannulas with CO_2 Monitoring

032-10-108	Adult Nasal Cannula with CO_2 Monitoring	25
032-10-109	Adult Nasal Cannula with O_2/CO_2 Combi Monitoring	25

Soft Tip Nasal Cannulas

032-10-114	Adult High Demand Soft Tip Nasal Cannula with Tubing	100
032-10-115	Infant Soft Tip Nasal Cannula with Tubing	100
032-10-116	Premature Soft Tip Nasal Cannula with Tubing	100

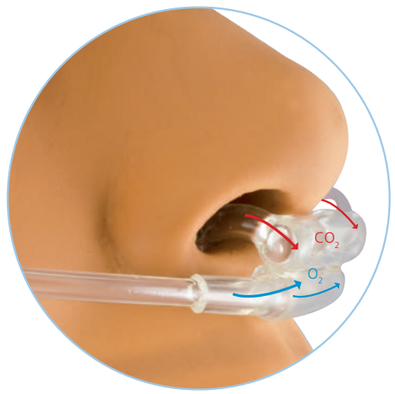
[1] *Medical device related pressure ulcers in hospitalized patients.* Black JM, et al. International Wound Journal. 2010. Vol 7. No 5.

Dual Mask and Dual Nasal Cannula - $EtCO_2$ Monitoring and O_2 Delivery

Capnography and CO_2 Monitoring

The ventilation status provided by capnography provides clinicians with vital information in the assessment and treatment of patients. Continuous monitoring of $EtCO_2$ is recommended by the EBA, AAGBI, and ASA for all patients undergoing moderate or deep sedation, and by the Resuscitation Guidelines during CPR. Dual Mask and Nasal Cannula not only enables $EtCO_2$ monitoring, but also provides simultaneous oxygen delivery.

Dual Cannula



Dual Nasal Cannula provides continual monitoring of $EtCO_2$ from both nostrils whist simultaneously delivering supplementary oxygen. Utilising both nares ensures a reliable trace even if one nostril is clogged.

Dual Mask



The Dual Oxygen Mask provides continual monitoring of carbon dioxide being exhaled from the mouth and nose whilst administering oxygen to the patient. The integrated oxygen and sampling line provides quick and simple operation.

MALE LUER	FEMALE LUER		
032-10-125	032-10-126	Adult Dual Nasal Cannula (2.1m) with Luer	25
032-10-125A	032-10-126A	Adult Dual Nasal Cannula (2.1m) with Luer and Filter	25
032-10-127	032-10-128	Adult Dual Nasal Cannula (3m) with Luer	25
032-10-127A	032-10-128A	Adult Dual Nasal Cannula (3m) with Luer and Filter	25
032-12-125	032-12-126	Paediatric Dual Nasal Cannula (2.1m) with Luer	25
032-12-125A	032-12-126A	Paediatric Dual Nasal Cannula (2.1m) with Luer and Filter	25
032-13-125	032-13-126	Neonatal Dual Nasal Cannula (2.1m) with Luer	25
032-10-131	032-10-130	Adult Dual Mask (2m)	50
032-10-133	032-10-132	Adult Dual Mask (2m) with Filter	50
032-10-133A	032-10-132A	Adult Dual Mask (3m) with Filter	50
032-10-135	032-10-134	Adult Dual Mask (2m) with Nose Clip	50
032-10-137	032-10-136	Adult Dual Mask (2m) with Nose Clip and Filter	50
032-10-139	032-10-138	Medium Dual Mask (2m)	50
032-10-141	032-10-140	Medium Dual Mask (2m) with Filter	50
032-12-143	032-12-142	Paediatric Dual Mask (2m)	50
032-12-145	032-12-144	Paediatric Dual Mask (2m) with Filter	50

CapnoCare

CapnoCare samples $EtCO_2$ during critical situations and can be used with a resuscitation bag for intubated patients, a laryngeal mask, or an anaesthesia face mask.

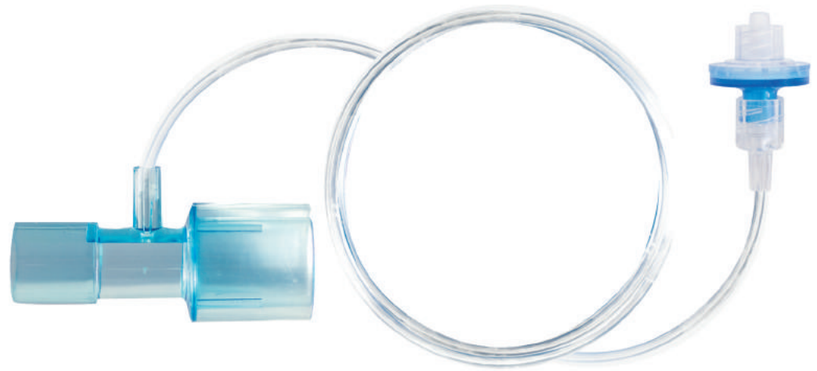
CapnoCare™

Universal Connections

The 22/15mm connectors can be used with ET tubes, laryngeal masks or anaesthesia face masks.

Hydrophobic Filter

The filter protects the capnometer from condensation and contamination.



Fixed Line

The pre-assembled monitoring line avoids the risk of accidental detachment and saves time in critical clinical situations.

Choice of Luer

Available in male, female and slip luer.

Improved Accessibility

3m monitoring line enables connection to the capnometer even when the patient is at a distance.





Capnography provides the following vital information:

- Hypoventilation and hyperventilation
- Confirming, maintaining and assisting intubation
- Return of spontaneous circulation (ROSC)
- Measures cardiac output and chest compression effectiveness during cardiopulmonary resuscitation (CPR)

The European Resuscitation Council Guidelines for Resuscitation (2010)

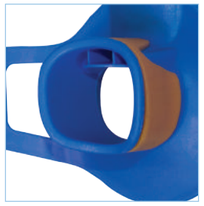
"Wavefom capnography is the most sensitive and specific way to confirm and continuously monitor the position of a tracheal tube in victims of cardiac arrest and should supplement clinical assessment' and that this "may also provide information on the efficiency of chest compressions and can give an early indication of return of spontaneous circulation", that "may be useful to guide the management of respiratory and/or circulatory failure".

010-750	CapnoCare Capnography Connector with 3m line & Male Luer Filter	10
010-755	CapnoCare Capnography Connector with 3m line & Female Luer Filter	10
010-760	CapnoCare Capnography Connector with 3m line & Luer Slip Filter	10
010-740	Luer Lock Disc Filter (Female - Male)	10
010-741	Luer Slip Disc Filter (Female - Luer Slip)	10
010-742	Luer Lock Disc Filter (Male - Female)	10

DualGuard

DualGuard sets the standard in endoscopic practice – combining a bite block and detachable Dual nasal cannula, both with O_2 delivery and CO_2 sampling, for use throughout upper endoscopy procedures and recovery.





Comfort Rest Bite Block with O_2 Delivery



Nasal & Oral CO_2 Sampling Lines



Detachable Dual Nasal Cannula



Up to 20mm Diameter



LuerSafe Self-Sealing Connector

All-in-one DualGuard includes the consumables required for continuous O_2 delivery and CO_2 monitoring during and post-procedure – bite block, detachable Dual nasal cannula, 3m crush resistant O_2 tubing, and adjustable head strap, avoiding the need for additional devices.

At the end of the procedure, Flexicare's unique cap-less self-sealing LuerSafe connector automatically seals the oral CO_2 sampling line on removal of the bite block, so monitoring can continue throughout recovery via the nares.

Supplementary O_2 delivery to reduce risk of hypoxia & hypercapnia

Many sedated patients become significantly hypoxic during gastrointestinal endoscopic procedures,[1] with oxygen saturation falling in some patients to dangerously low levels, risking hypoxia or hypercapnia. Supplemental oxygenation *"exerted by far the greatest impact on the reduction of the incidence of hypoxia in gastrointestinal endoscopy."*[2]

Patient safety guidelines require CO_2 monitoring

International and national guidelines require that all patients undergoing sedation be monitored with continuous capnography,[3,4] and capnography be available wherever any patients undergoing moderate or deep sedation are recovered.[5]

DualGuard

The Ultimate Endoscopy Patient Safety Solution

Simultaneous O_2 delivery and CO_2 sampling for patients undergoing upper GI endoscopy, in either a lateral or supine position.

Protection for Patient and Equipment

Comfort Rest Bite Block fits securely in the mouth, protecting both endoscope and patients' teeth without compromising endoscope manipulation.

All-In-One Kit

DualGuard incorporates: Bite Block, Detachable Dual Nasal Cannula, LuerSafe CO_2 Monitoring Line, 3m O_2 Tubing, and Adjustable Head Strap in one complete convenient kit.

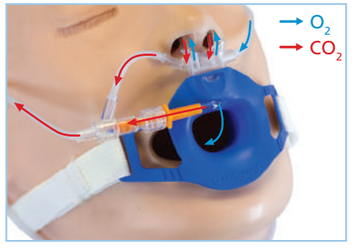
Care from Start to Finish

Detachable Dual Nasal Cannula continues to deliver O_2 to both mouth and nose and samples CO_2 from the nares in post-procedure recovery without the need for additional devices.

Clinical & Guideline Compliance

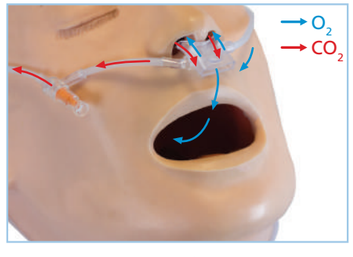
DualGuard provides reliable O_2 delivery and CO_2 sampling in both mouth and nose breathers, improving patient safety and meeting current guidelines for consciously sedated patients. [3,4,5.]

How it all works



Stage 1 - During Endoscopy

Oral and nasal O_2 delivery & CO_2 sampling



Stage 2 - Post-procedure & Recovery

Continuous oral and nasal O_2 delivery and nasal CO_2 sampling

032-10-850	DualGuard Adult 3m Line with Female Luer Lock	25
032-10-855	DualGuard Adult 3m Line with Male Luer Lock	25
032-10-860	DualGuard Adult 3m Line with Female Luer Lock Filter	25
032-10-865	DualGuard Adult 3m Line with Male Luer Lock Filter	25
032-10-868	DualGuard Adult 3m Line with Slip Luer Filter	25

EasyGuard

Features the Comfort Rest Bite Block 20mm/60Fr with an adjustable strap, offering superior patient comfort while maintaining accessibility, and protecting the patient's teeth and equipment during endoscopic procedures.



032-10-800	EasyGuard	25

Disc Filters

Hydrophobic Disc Filters protect the monitor from moisture during CO_2 monitoring.

010-740	Luer Lock Disc Filter (Female - Male)	25
010-741	Luer Slip Disc Filter (Female - Luer Slip)	25
010-742	Luer Lock Disc Filter (Male - Female)	25

1 Whorell PJ, Smith CI, Fosteer KJ: Arterial blood gas tensions during upper gastrointestinal endoscopy, Gut 1976:17: 797-800
2 T.J.Borody : Methods of Oxygen Delivery During Upper Gastrointestinal Endoscopy, Endoscopy 1994: 26: 320-321
3 European Section and Board of Anaesthesiology UEMS, Amsterdam, June 2011
4 American Society of Anesthesiologists. Standards for Basic Anesthetic Monitoring. 2011.
5 AAGBI SAFETY STATEMENT Updated statement from the Association of Anaesthetists of Great Britain & Ireland, May 2011

Nasal Hoods

Nasal Hoods



Flexicare's range of single-use and reusable nasal hoods provide the best solution for nitrous oxide delivery during dental procedures.

Reduced Risk of Gas Leakage
The feathered edges provide a comfortable fit while maintaining a secure seal.

Increased Patient Compliance
Choice of pleasantly scented options to help patients overcome anxiety associated with dental procedures.

Dual Nasal Hoods



The unique Dual Nasal Hood with LuerSafe provides optional CO_2 monitoring during dental procedures that utilise nitrous oxide or other forms of sedation. The Dual Nasal Hood is designed to provide gas to both nostrils and simultaneously sample $EtCO_2$.

Capnography improves patient safety:
- Monitoring sedated patients breath-by-breath
- Early identification of hypoventilation and hyperventilation
- Perfusion warning sign

035-55-210	Nasal Hood	Small	Single-Use	Plain		20
035-55-210G	Nasal Hood	Small	Single-Use	Grape		20
035-55-210S	Nasal Hood	Small	Single-Use	Strawberry		20
035-55-220	Nasal Hood	Medium	Single-Use	Plain		20
035-55-220V	Nasal Hood	Medium	Single-Use	Vanilla		20
035-55-220S	Nasal Hood	Medium	Single-Use	Strawberry		20
035-55-230	Nasal Hood	Large	Single-Use	Plain		20
035-55-230V	Nasal Hood	Large	Single-Use	Vanilla		20
035-55-230M	Nasal Hood	Large	Single-Use	Mint		20
035-55-110	Nasal Hood	Small	Reusable	Plain		20
035-55-120	Nasal Hood	Medium	Reusable	Plain		20
035-55-130	Nasal Hood	Large	Reusable	Plain		20
035-55-310	Dual Nasal Hood	Small	Single-Use	Plain		20
035-55-320	Dual Nasal Hood	Medium	Single-Use	Plain		20
035-55-330	Dual Nasal Hood	Large	Single-Use	Plain		20

Non Rebreathing Masks, Tracheostomy Masks & T-Pieces

Non Rebreathing Mask
The Non Rebreathing Mask delivers a high concentration of oxygen. The reservoir bag ensures adequate oxygen supply to meet unpredictable breathing patterns and tidal volumes.

Latex Free
Eliminates the risk of allergic reaction.

Star Lumen Tubing, Secured Oxygen Delivery
Star Lumen Tubing, with international standard connectors, ensures the flow of oxygen is maintained, even if the tube is kinked.



Reduced Risk of Patient Trauma
The elasticated earloop option on the adult mask eliminates the need for the patient's head to be moved to fit the mask, reducing the risk of further injury.

Reduced Risk of Bag Occlusion
Castellations on the swivel connector ensures the flow of oxygen from the bag to the patient is uninterrupted.

Ease and Speed of Fitting the Mask
The mask can be fitted quickly and easily with the swivel connector being rotated to suit the patient's position.

032-10-070	Adult Non Rebreathing Mask with Earloops and Tubing	50
032-10-071	Adult Non Rebreathing Mask with Earloops	50
032-10-072	Adult Non Rebreathing Mask with Head Strap and Tubing	50
032-10-072NC	Adult Non Rebreathing Mask with Head Strap, Tubing and Nose Clip	50
032-10-073	Adult Non Rebreathing Mask with Head Strap	50
032-10-072SM	Small Adult Non Rebreathing Mask with Head Strap and Tubing	50
032-10-076	Adult Non Rebreathing Mask with Safety Port, Earloops and Tubing	50
032-10-078	Adult Non Rebreathing Mask with Safety Port, Headstrap and Tubing	50
032-10-078NC	Adult Non Rebreathing Mask with Safety Port, Head Strap, Tubing and Nose Clip	50
032-10-080	Paediatric Non Rebreathing Mask with Head Strap and Tubing	50
032-10-081	Paediatric Non Rebreathing Mask with Head Strap	50
032-10-084	Paediatric Non Rebreathing Mask with Safety Port, Headstrap and Tubing	50

Tracheostomy Mask & Thermotrach HME
Tracheostomy masks are contoured and feature a swivel connector that can rotate through 360° for maximum patient comfort. The 22mm connector fits to corrugated tubing and can deliver humidified oxygen when used with a venturi and humidifier adaptor.



ThermoTrach™ is a Heat and Moisture Exchanger (HME) for spontaneously breathing patients fitted with a tracheostomy tube.
For further details on this product please see the Breathing Filters section.

032-10-091	Adult Tracheostomy Mask	50
032-10-092	Paediatric Tracheostomy Mask	50
038-41-250	ThermoTrach Heat and Moisture Exchanger	50

Gilston T-Piece
The Gilston T-Piece provides oxygen to patients with tracheostomy tubes. The sliding cover allows easy access for suction and a venturi can be fitted to one end of the tube to provide oxygen at the required concentration or combined with a humidity adaptor for humidification.



5060	Adult Gilston T-Piece	5
5061	Paediatric Gilston T-Piece	5

Post-Operative

Post-Operative Oxygen Therapy T-Piece

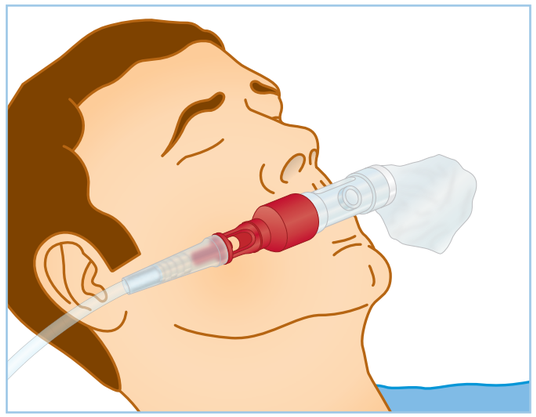
Oxygen T-Pieces are used for delivering oxygen in the recovery room to patients with a laryngeal mask in situ. The 40% T-Piece delivers a precise oxygen concentration and is available with a clear bag for visual observation of patient breathing.

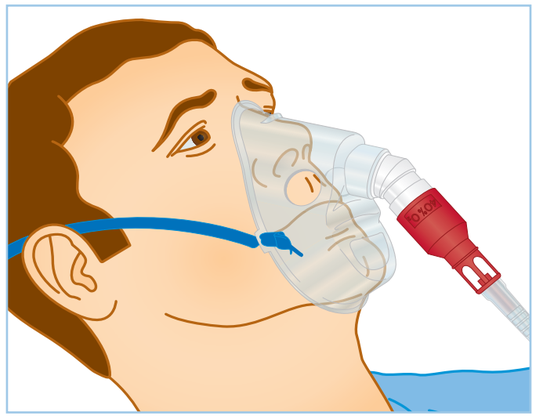


032-10-540	40% Oxygen T-Piece with Corrugated Tube	50

FCOT - The Complete Solution Post-Op FCOT 40% Fixed Oxygen Delivery

FCOT provides a complete solution to the delivery of post-op 40% oxygen to adult and paediatric patients with a laryngeal mask and through the recovery process, enhancing wound healing and reducing the risk of infection.





No Rebreathing or Oxygen Dilution

The high flow of oxygen enriched air inflates the Indicator Bag and flushes expired gases out through the vents, eliminating the risk of rebreathing. During inspiration the Indicator Bag collapses preventing any dilution of the inhaled gas.

Visual Observation Of Spontaneous Breathing

Mist formation on the T-Piece and Indicator Bag inflation/deflation cycle provides visual verification of the patient's breathing pattern.

Recovery Room and Ward

After removal of the supraglottic airway, fixed concentration oxygen therapy is continued for the remainder of the recovery period by replacing the T-Piece with the oxygen mask included in the kit.

Cost Effective

The complete kit of 40% Venturi, T-Piece with Indicator Bag, Mask and Star Lumen Tubing provides a convenient and cost effective solution.

032-10-640	FCOT T-Piece with Indicator Bag	50
032-10-740	FCOT T-Piece with Indicator Bag, Aerosol Mask and 2.1m Oxygen Tubing	50
032-10-740A	FCOT KIT T-Piece with Indicator Bag, Aerosol Mask and 3m Oxygen Tubing	50
032-10-741	FCOT T-Piece with Indicator Bag, Paediatric Aerosol Mask and 2.1m Oxygen Tubing	50

Aerosol Therapy

MaxiNeb is one of the most efficient nebulisers with a low Dead Volume, short Nebulising Time, optimal MMAD and high percentage of aerosol mass in the Respirable Range.

MaxiNeb®



MaxiNeb Nebuliser

MaxiNeb is a high output nebuliser which delivers medication quickly and efficiently.

MaxiNeb 90

Features all the benefits of MaxiNeb, but able to operate at angles up to 90° so can be used for supine patients without inhibiting nebulisation.

Patient Choice

The MaxiNeb 22mm connector attaches to either an aerosol mask, mouth piece or T-Piece, providing users a choice of delivery systems.

Anti-Spill Cap

The easy 1/4 turn cap creates a secure leak-proof seal and the large 10ml reservoir reduces the risk of spillage.

Compliance

MaxiNeb complies with ISO 5356-1, and is suitable for use with all complying aerosol masks and T-piece designs.

Easy Dilution

The chamber has clearly visible graduation marks to facilitate easy dilution of drugs.

Stable Stand Design

The wide tripod leg design keeps MaxiNeb stable and upright even on irregular surfaces.

Clear Construction

The drug nebulisation process and conclusion can be seen easily through the clear chamber wall.

MAXINEB	MAXINEB 90		
032-10-003	032-10-015	Nebuliser	50
032-10-004		Nebuliser with T-Piece and Mouthpiece	50
032-10-005		Nebuliser with T-Piece, Mouthpiece and Tubing	50
032-10-007	032-10-016	Nebuliser, Adult Aerosol Mask and Tubing	50
032-10-007NC		Nebuliser, Adult Aerosol Mask, Nose Clip and Tubing	50
032-10-011	032-10-017	Nebuliser, Paediatric Aerosol Mask and Tubing	50

MaxiNeb Accessories

032-10-064	22mm Mouthpiece	100
010-636	T-Piece	100
032-10-065	22mm Mouth Piece and T-Piece	100
032-10-120	In-line valve for use with MaxiNeb Nebuliser	100

MaxiNeb and MaxiNeb Compact Compressors

The Maxineb Compressors have been developed to provide a complete system in both hospital and home.



MaxiNeb

Quiet Operation
The modern design of the housing facilitates a low noise level output, minimising the ambient noise and reducing irritation to the user.

Changeable Air Filter
MaxiNeb has an interchangeable filter that is easily changed.

Integrated Compartment
The Maxineb compressor has a dedicated compartment to safely store the nebuliser and accessories, ensuring that all the necessary items are at hand when required.

MaxiNeb Compact

One Piece Uni Enclosure Sealed Design
No compartments or openings therefore reducing size.

Positive On and Off Switch
The rocker design of the switch allows patients with reduced dexterity to easily operate the compressor.

Portability
Integrated handle for easy transportation.

Replaceable Filter
Side located air filter can be changed as required.

MaxiNeb Compressor

60022GB	MaxiNeb Compressor - British Plug	1
60022EU	MaxiNeb Compressor - European Plug	1
60022IN	MaxiNeb Compressor - Indian Plug	1
60022CH	MaxiNeb Compressor - Chinese Plug	1
60001	Replacement Filter for all Compressor Variations	5

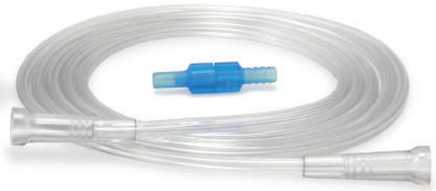
MaxiNeb Compact

60122GB	MaxiNeb Compact Compressor - British Plug	1
60122EU	MaxiNeb Compact Compressor - European Plug	1
60122IN	MaxiNeb Compact Compressor - Indian Plug	1
60122CH	MaxiNeb Compact Compressor - Chinese Plug	1



Tubing, Connectors & Water Traps

Flexicare offers a wide range of oxygen tubing, corrugated tubing, water traps, T-Pieces and accessories to provide maximum flexibility for clinicians to customise devices to meet the specific needs of patients.





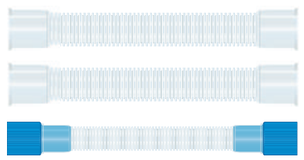
Star Lumen Tubing

032-10-060	Star Lumen Oxygen Tubing with connectors 2.1m	100
032-10-063	Star Lumen Oxygen Tubing with one narrow and one wide connector - 2.1m	100
032-10-059	Star Lumen Oxygen Tubing - 100m	1



Oxygen Bubble Tubing

032-10-069	Oxygen Bubble Tubing - 1.8m	100
032-10-067	Oxygen Bubble Tubing (3mm) 30m coil in dispensing box	1
032-10-068	Oxygen Bubble Tubing (3mm) 100m coil in dispensing box	1



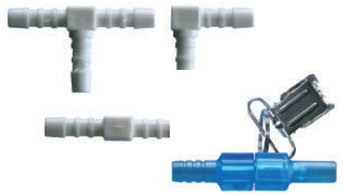
Corrugated Tubing

038-01-226	22mm Corrugated Tubing with 45cm repeat, 50m coil in dispensing box	1
038-01-228	22mm Corrugated Tubing with 15cm repeat, 50m coil in dispensing box	1
038-01-230	22mm Corrugated Tubing 2m with two 22mm female connectors	50



Water Traps

010-650	Adult Self-sealing Water Trap	10
020-650	Paediatric Self-sealing Water Trap	10



Tubing Connections

032-10-117	Oxygen Tubing T Connector	25
032-10-118	Oxygen Tubing Right Angled Connector	25
032-10-119	Oxygen Tubing Straight Connector	25
032-10-110	Oxygen Tubing Swivel Connector	25
032-10-111	Oxygen Tubing Swivel Connector with Clip	25

Humidification

Humidity Adaptor

Patients with an intact and functioning upper airway do not normally need humidification of the inspired gases. However, patients with thick mucous secretions undergoing controlled oxygen therapy may require additional humidification.



Attaching a humidity adaptor to the venturi barrel and connecting to either a large volume nebuliser or humidifier can provide this additional humidification.

The adaptor is connected to a bubble or heated humidifier by 22mm corrugated (elephant) tubing. Humidified air is then entrained by the venturi barrel to deliver the fixed concentration oxygen to the patient. Use of a humidity adaptor is the most accurate method of giving fixed concentration humidified oxygen to the patient.

5506	Humidity Adaptor 22mm	10

Bubble Humidifier



Due to the dryness of medical gases, it is recommended when oxygen is delivered in excess of 4 l/min, or when using a Nasal Cannula, that humidification is used to prevent damage to the respiratory tract and to improve patient comfort and compliance. A Bubble Humidifier adds moisture to the oxygen as it passes through (cold humidification) to deliver humidified gas to the patient. Bubble Humidifiers are suitable for both hospital and home environments.

Safety Pressure Valve

The pressure valve automatically opens at 6psi / 4psi should the outlet line become occluded.

PVC Nipple Diffuser

For home use, the PVC nipple diffuser extends the life of the humidifier and eliminates clogging of the diffuser apertures.

Recessed Connector with Screw Cap

Protects the connector from accidental damage or breakage.

Increased Humidification

The end of the inlet tube has a fine diffuser that produces very small gas bubbles to maximise the surface contact area, providing increased humidification of the oxygen. At the same time, the tiny bubbles produce a very low level of noise, improving the environment and helping patient rest.

032-10-090	Bubble Humidifier with PVC Diffuser - 300ml, 6psi (recommended for home use)	20
032-10-089	Bubble Humidifier with Fine Diffuser - 400ml, 4psi (recommended for hospital)	20

RESUSCITATION

Single Patient Use and Reusable Resuscitation devices for Adult, Paediatric and Neonatal

Single Patient Use Resuscitation Bags 99

Reusable Silicone Resuscitation Bags 99

Pocket Resuscitation Mask 100