



UniFlow™ coaxial breathing systems



Anaesthesia ▪ Anaesthetic Breathing Systems



UniFlow™ coaxial breathing systems ideally suited for low flow anaesthesia

The UniFlow breathing system is a convenient tube-within-a-tube breathing system designed with low flow anaesthesia in mind, offering warmer, more humid inspiratory gases, and the option of an integrated respiratory gases monitoring line.

UniFlow systems fit all standard anaesthetic machines and are suitable for use on patients with a tidal volume $\geq 50\text{ml}^2$

Integral respiratory gases monitoring line safely inside the outer lumen
Cannot be accidentally caught, which could result in a disconnection of the monitoring line

Dual lumen feature
Patient receives warmer humid gases than with a conventional two limb parallel system

Integral swivel feature
The inner lumen is independent from the outer lumen, reducing the possibility of kinking which could lead to a restriction of the gas flow

Secured integral gas monitoring line
By anchoring the monitoring line securely inside the breathing system, optimal positioning is achieved for accurate and reliable gas monitoring

Silver Knight™ version
Providing 99.9% reduction in bacterial viable count

Large 30mm diameter outer lumen
Minimises resistance to flow

Pre-use check

Easy to test the integrity of the inner lumen as recommended by the AAGBI¹. Safety is assured as both the inner and outer lumens can be properly and independently tested for leaks.



Reference: 1. 'Checking Anaesthetic Equipment 2012', Anaesthetic Association of Great Britain and Ireland (AAGBI).
Reference: 2. Queen Silvia's Childrens Hospital, Gothenburg, 2009.

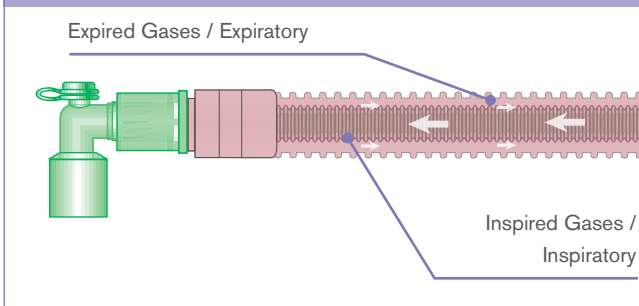


The 'universal' system

UniFlow™ is a coaxial breathing system, with the inspiratory limb sitting inside the larger expiratory tube, which allows the gases to warm and remain humidified through to the patient.

The fully extendible Intersurgical Compact tube attaches to the expiratory port on the anaesthetic machine which allows for extension and manoeuvrability.

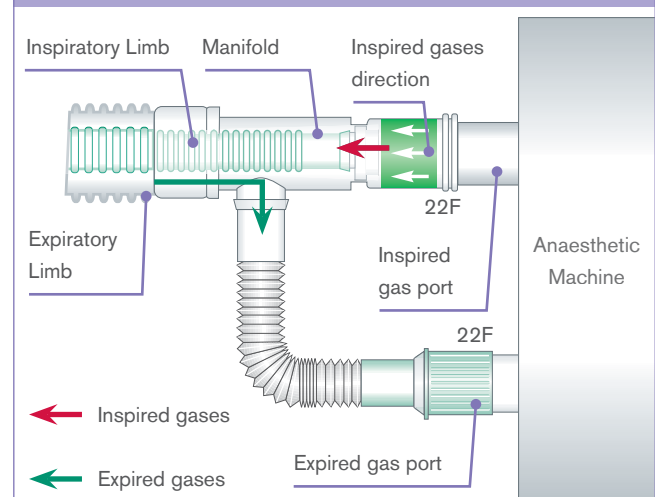
Fig.1 Maintaining the warmth of inspiratory gases



Connecting the UniFlow

All UniFlow systems have a clear 22F connection with a directional arrow marked on the manifold (see Fig.2). This should be connected to the inspiratory gas port on the anaesthetic machine.

Fig.2 UniFlow manifold connections

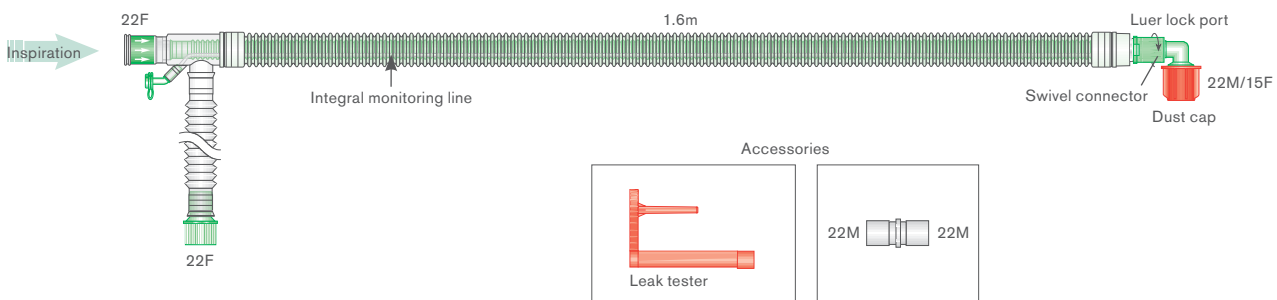


Integral monitoring line

By anchoring the monitoring line securely inside the breathing system, optimal positioning is achieved for accurate and reliable gas monitoring and the need for additional luer ports in either the Y-Piece or filter/HMEF device is eliminated. This therefore minimises the possibility of accidental disconnection in use or misconnections.

The monitoring line is kept clear of the working environment, providing a tidy, less cluttered anaesthetic space and avoids the risk of occlusion or disconnection.

UniFlow breathing systems with integral monitoring line



Code	Description	Box Qty.
2902000 (S*)	30 mm UniFlow coaxial breathing system with luer connector, integral monitoring line, and elbow, ≥ 1.6 m	12 (10*)
2903000	30 mm UniFlow coaxial breathing system with luer connector, integral monitoring line, and elbow, ≥ 2.4 m	10
2902100	30 mm UniFlow Silver Knight anti-microbial coaxial breathing system with luer connector, integral monitoring line, and elbow, ≥ 1.6 m	12
2903100	30 mm UniFlow Silver Knight anti-microbial coaxial breathing system with luer connector, integral monitoring line, and elbow, ≥ 2.4 m	10

Make an enquiry

Illustrated Sterile option available

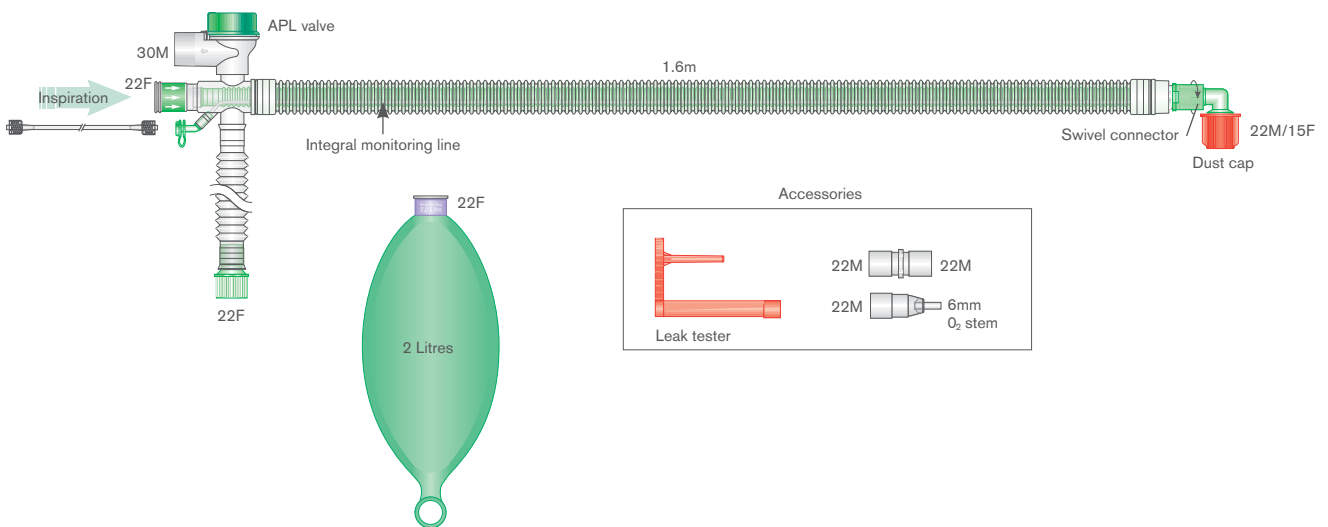
(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5000000S (sterile box quantity is shown in brackets).

Standard UniFlow™ breathing systems

Code	Description	Box Qty.
2900000 (S*)	30 mm UniFlow coaxial breathing system with luer elbow, ≥ 1.6 m	12 (10*)
2901000	30 mm UniFlow coaxial breathing system with luer elbow, ≥ 2.4 m	10
2900100	30 mm UniFlow Silver Knight anti-microbial coaxial breathing system with luer elbow, ≥ 1.6 m	12
2901100	30 mm UniFlow Silver Knight anti-microbial coaxial breathing system with luer elbow, ≥ 2.4 m	10

Deluxe systems

The UniFlow deluxe system includes a reservoir bag, two monitoring lines plus extra connectors and is ideal for use in induction, maintenance, recovery and transport; one breathing system throughout the various stages of the anaesthesia process. Use of UniFlow for transport is easily achieved by connecting the inspired gases port to the trolley oxygen supply via the 6mm connector (trolley oxygen supply has a tube with it that connects to the 6mm port of the connector) and the 2 litre reservoir bag connected to the 22M connection on the manifold. The extendable limb can be used between the bag and manifold if an extension to the bag is required. The APL valve is adjusted by the clinician to suit the patient's needs.



Code	Description	Box Qty.
2910000	30 mm UniFlow deluxe coaxial breathing system with 2 L bag, luer connector, integral monitoring line, elbow, and APL valve, ≥ 1.6 m	12
2911000	30 mm UniFlow deluxe coaxial breathing system with 2 L bag, luer connector, integral monitoring line, elbow, and APL valve, ≥ 2.4 m	10
2910100	30 mm UniFlow Silver Knight anti-microbial deluxe coaxial breathing system with 2 L bag, luer connector, integral monitoring line, elbow, and APL valve, ≥ 1.6 m	12

Make an enquiry

Illustrated Sterile option available

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

IS5.8 • Issue 8 09.24



Intersurgical Ltd, Crane House, Molly Millars Lane, Wokingham, Berkshire, RG41 2RZ, UK
 T: +44 (0)118 965 6300 info@intersurgical.com www.intersurgical.com



The manufacturer Intersurgical Ltd is certified to ISO 14001:2015, ISO 9001:2015, ISO 13485:2016 and MDSAP

Please think before you print
 Save energy and paper.
 If you must print this information sheet please print it double sided.