



DuoFlow™ bi-lumen breathing system



Anaesthesia ▪ Anaesthetic Breathing Systems



DuoFlow™ bi-lumen breathing system

The DuoFlow bi-lumen breathing system includes an inspiratory and expiratory gas pathway in a single 22mm limb system.

The internally moulded inner septum creates a gas tight division and allows transfer of heat between the inspired and expired gases, optimising the warmth and humidity of the gas. The design means that exposure to the ambient air temperature is minimised and further minimises the cooling of gases, reducing condensate in the system.

The single limb design decreases the weight of the system when compared with a traditional "Y" piece and therefore reduces potential pull or torsion placed upon the patient's airway connection.

The DuoFlow breathing system is non PVC and DEHP free, in addition the single limb design reduces material content and subsequent waste, which substantially reduces the overall impact upon the environment.

▶ Video available at www.intersurgical.nl

One limb – two functions

The single limb design decreases the weight of the system, minimising any pull or torsion placed upon the patient's airway.

Improved thermal efficiency

Inspiratory gases are warmed to the temperature of the expired gases resulting in optimal humidity of the gases delivered to the patient.

Simple, safe and convenient

The single limb improves positioning and support and reduces the number of connections between the patient and the anaesthesia machine. The option of an integrated monitoring line reduces this further.

Leak tester

The pre-use leak tester provided with each system confirms the integrity of the inner lumen to prevent any inadvertent mixing of inspired and expired gases, ensuring patient safety.



Precision performance

Reduced compliance of the system increases the accuracy of the delivered prescribed ventilation whilst retaining a drapable quality.

One size fits all

Suitable for adult and paediatric patients with a tidal volume of >50ml which can help to simplify patient care, reduce stock holding and required storage space.



👁 system illustrated

Code	Description	Length	Box Qty.
2920000	22mm DuoFlow breathing system with luer elbow	≥ 1.8m	12
2920001	22mm DuoFlow breathing system with 2L bag and luer elbow	≥ 1.8m	12
👁 2920010	22mm DuoFlow breathing system with elbow and integrated monitoring line	≥ 1.8m	12
2920011	22mm DuoFlow breathing system with 2L bag, elbow and integrated monitoring line	≥ 1.8m	12



Intersurgical Benelux B.V. Vluchttoord 28, 5406 XP, Uden, Nederland

T: +31 (0)413 243 860 F: +31 (0)413 243 869 info@intersurgical.nl www.intersurgical.nl



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



Please recycle

IS5.33 NL • Issue 1 10.20