

DuoFlow™ bi-lumen breathing system



Anesthesia ▪ Anesthetic Breathing Systems



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DuoFlow™ bi-lumen breathing system

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

The internally moulded inner septum creates a gas tight division and allows transfer of heat between the inspired and expired gases, optimizing the warmth and humidity of the gas. The design means that exposure to the ambient air temperature is minimized and further minimizes 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 DEHP free, in addition the single limb design reduces material content and subsequent waste, which substantially reduces the overall impact upon the environment.

One limb — two functions

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

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 while retaining a drapable quality.

One size fits all

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


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 anesthesia machine. The option of an integrated monitoring line reduces this further.



Code	Description	Length	Box Qty.
2920000	22 mm DuoFlow breathing system with luer elbow	≥1.8 m	12
2920300	22 mm DuoFlow breathing system with luer elbow	≥3.0 m	8
2920001	22 mm DuoFlow breathing system with 2 L bag and luer elbow	≥1.8 m	12
2920301	22 mm DuoFlow breathing system with 2 L bag and luer elbow	≥3.0 m	8
2920010 	22 mm DuoFlow breathing system with elbow and integrated monitoring line	≥1.8 m	12
2920310	22 mm DuoFlow breathing system with elbow and integrated monitoring line	≥3.0 m	8
2920011	22 mm DuoFlow breathing system with 2 L bag, elbow and integrated monitoring line	≥1.8 m	12
2920311	22 mm DuoFlow breathing system with 2 L bag, elbow and integrated monitoring line	≥3.0 m	8

[Make an inquiry](#)[Watch the video](#) Illustrated

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