



Bilevel breathing systems range



Critical Care ▪ Breathing Systems

Bilevel breathing systems range

Intersurgical have a complete range of Flextube™ bilevel breathing systems compatible with the most popular bilevel machines that require a single limb breathing system.

Our bilevel products offer breathing system solutions with CO₂ leak port for use with standard NIV (Non-invasive Ventilation) masks, and systems without CO₂ leak port for use with ported NIV masks. Breathing systems without proximal airway pressure monitoring lines are also available for those machines that do not require this feature.

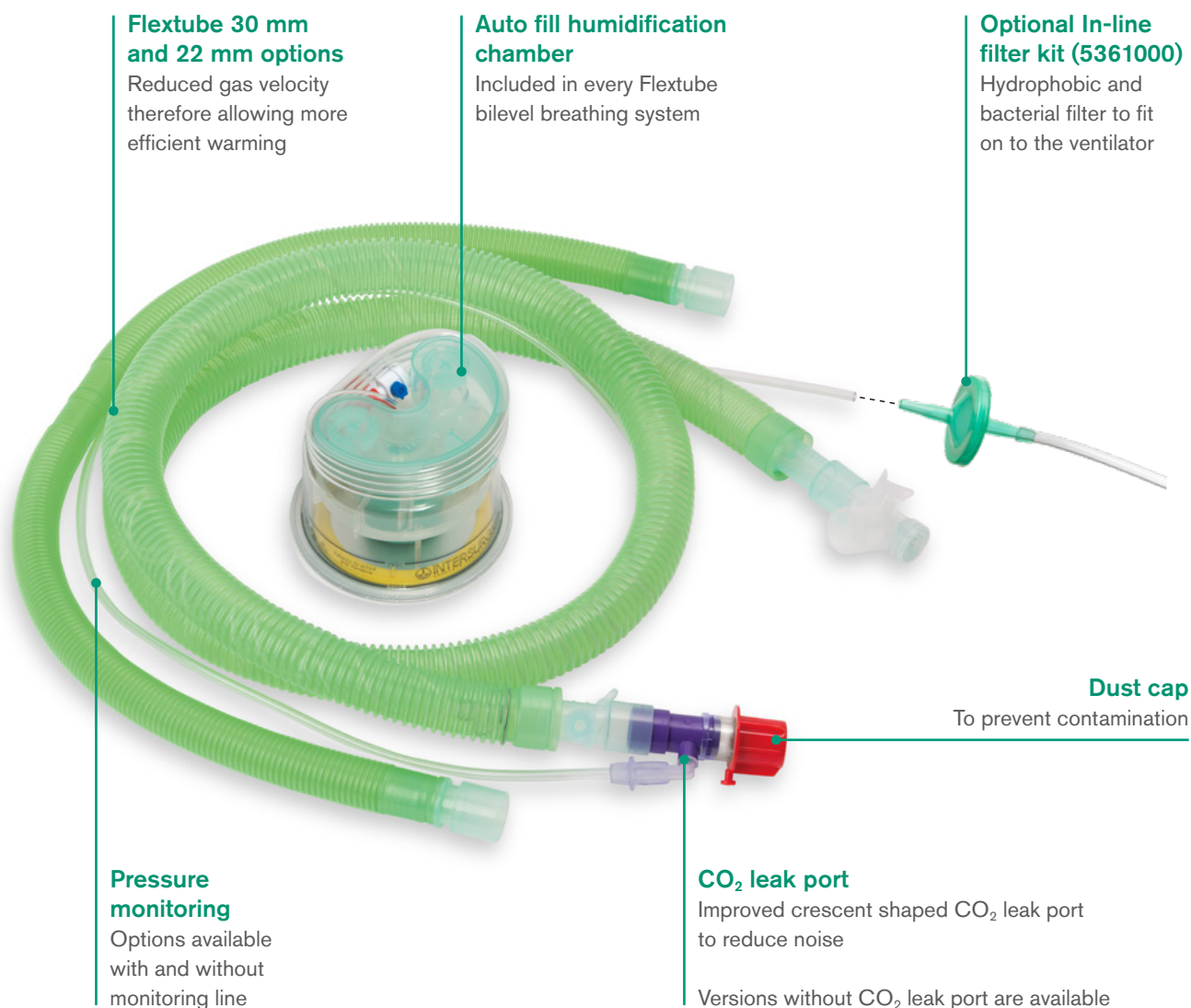
Breathing systems in this range are suitable for adult and paediatric patients.

Because of the high flows used in bilevel treatments, the best solution for adult ventilation, with active humidification, may be a 30 mm Flextube breathing system and for paediatric ventilation with active humidification, a 22 mm Flextube breathing system.

Increasing the diameter of the tube over the heated wire section of the breathing system in each case substantially reduces the gas velocity, improving the gas contact with the heated wire for greater efficiency without affecting flow rates.

If monitoring line filtration is required, the optional in-line filter kit can be added to any system that includes a monitoring line. Machine connection filtration can be added using a low-resistance Flo-Guard breathing filter (1690000). Passive bilevel breathing systems are also available in Smoothbore tubing as they offer a perfect solution for dry, high-flow gas.

[▶ Watch the video](#)



Flextube 30 mm and 22 mm options

Reduced gas velocity therefore allowing more efficient warming

Auto fill humidification chamber

Included in every Flextube bilevel breathing system

Optional In-line filter kit (5361000)

Hydrophobic and bacterial filter to fit on to the ventilator

Dust cap

To prevent contamination

Pressure monitoring

Options available with and without monitoring line

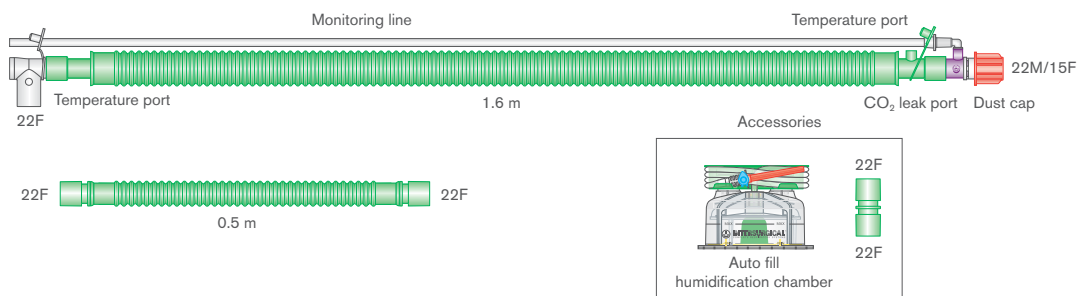
CO₂ leak port

Improved crescent shaped CO₂ leak port to reduce noise

Versions without CO₂ leak port are available



30 mm Flextube™ bilevel breathing systems for active humidification


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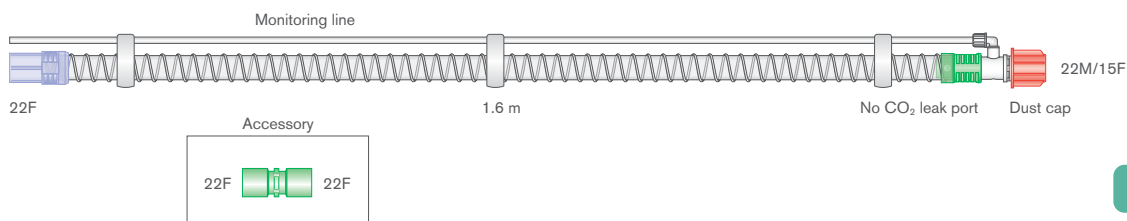
Code	Description	Box Qty.
2031000	30 mm Flextube bilevel heated wire breathing system with swivel CO₂ leak port , monitor line, auto-fill chamber and extra limb. ≥ 1.6 m	6
2331000	30 mm Flextube bilevel heated wire breathing system with swivel patient connector, monitor line, auto-fill chamber and extra limb. ≥ 1.6 m	6
2031004	30 mm Flextube bilevel heated wire breathing system with swivel CO₂ leak port , monitor line with filter, auto-fill chamber, Flo-Guard filter and extra limb. ≥ 1.6 m	6
2334000	30 mm Flextube bilevel heated wire breathing system with swivel CO₂ leak port , auto-fill chamber and extra limb. ≥ 1.6 m	6
2335000	30 mm Flextube bilevel heated wire breathing system with swivel patient connector, auto-fill chamber and extra limb. ≥ 1.6 m	6

22 mm Flextube bilevel breathing systems for active humidification

Code	Description	Box Qty.
2032000	22 mm Flextube bilevel heated wire breathing system with swivel CO₂ leak port , monitor line, auto-fill chamber and extra limb. ≥ 1.6 m	7
2431000	22 mm Flextube bilevel heated wire breathing system with swivel patient connector, monitor line, auto-fill chamber and extra limb. ≥ 1.6 m	7
2332000	22 mm Flextube bilevel heated wire breathing system with swivel CO₂ leak port , auto-fill chamber and extra limb. ≥ 1.6 m	7
2432000	22 mm Flextube bilevel heated wire breathing system with swivel patient connector, auto-fill chamber and extra limb. ≥ 1.6 m	7

Code	Description	Box Qty.
1690000	Flo-Guard breathing filter	50
5361000	In-line filter kit for bilevel breathing systems	60

22 mm Smoothbore bilevel breathing systems for passive humidification


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Code	Description	Box Qty.
5805000	22 mm Smoothbore bilevel breathing system with monitoring line and swivel CO₂ leak port . ≥ 1.6 m	35
5825000	22 mm Smoothbore bilevel breathing system with monitoring line and swivel patient connector. ≥ 1.6 m	25
5808000	22 mm Smoothbore bilevel breathing system with split monitoring line and swivel CO₂ leak port . ≥ 1.6 m	25
5804000	22 mm Smoothbore bilevel breathing system with swivel CO₂ leak port . ≥ 1.8 m	30
5018000 (S*)	22 mm Smoothbore tube with soft end connectors, 22F-22F. ≥ 1.8 m	20 (25)

Illustrated Sterile option available

(S*) Add an S to the seven digit code number for the sterile version of this product eg. 5018000S (sterile box quantity is shown in brackets).

BiTrac™ NIV

The BiTrac NIV product family features a variety of interfaces that are designed to increase patient comfort and compliance in respiratory distress scenarios. The full face and nasal masks are highly adjustable, and their seal's design minimise pressure exerted on the bridge of the nose.

Our range of interchangeable elbows greatly reduces waste, as the mask's elbow can be easily removed and replaced when transitioning patients between standard ventilators and bilevel machines.



BiTrac Select™ NIV full face mask with interchangeable vented elbow with anti-asphyxiation valve

Code	Description	Box Qty.
313-9514	BiTrac Select NIV full face mask with interchangeable vented elbow with anti-asphyxiation valve, extra large adult	10
313-9513	BiTrac Select NIV full face mask with interchangeable vented elbow with anti-asphyxiation valve, large adult	10
313-9512	BiTrac Select NIV full face mask with interchangeable vented elbow with anti-asphyxiation valve, medium adult	10
313-9511	BiTrac Select NIV full face mask with interchangeable vented elbow with anti-asphyxiation valve, small adult	10

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BiTrac Select NIV full face mask with interchangeable non-vented elbow with anti-asphyxiation valve

Code	Description	Box Qty.
313-9504	BiTrac Select NIV full face mask with interchangeable non-vented elbow with anti-asphyxiation valve, extra large adult	10
313-9503	BiTrac Select NIV full face mask with interchangeable non-vented elbow with anti-asphyxiation valve, large adult	10
313-9502	BiTrac Select NIV full face mask with interchangeable non-vented elbow with anti-asphyxiation valve, medium adult	10
313-9501	BiTrac Select NIV full face mask with interchangeable non-vented elbow with anti-asphyxiation valve, small adult	10

Make an enquiry

BiTrac Select NIV full face mask with interchangeable standard non-vented elbow

Code	Description	Box Qty.
313-9509	BiTrac Select NIV full face mask with interchangeable standard non-vented elbow, extra large adult	10
313-9508	BiTrac Select NIV full face mask with interchangeable standard non-vented elbow, large adult	10
313-9507	BiTrac Select NIV full face mask with interchangeable standard non-vented elbow, medium adult	10
313-9506	BiTrac Select NIV full face mask with interchangeable standard non-vented elbow, small adult	10

Make an enquiry

BiTrac Select is manufactured by Pulmodyne Inc, USA and distributed by Intersurgical Ltd.

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

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