

*Advanced ventilation technology  
with reliable and proven breathing  
system components*



The cost-effective Dräger Fabius GS features an ergonomic design that facilitates efficient use and helps you create a productive anesthesia environment. With its modular design you can configure the workstation you require. Plus, the Dräger Fabius GS provides simple software and hardware upgradability as well as an open platform for communication.



**Proven Ventilation Versatility**

The electrically-driven and electronically-controlled Fabius GS E-vent ventilator requires no drive gas. This makes it more flexible and economical to use than traditional gas-driven bellows ventilators by limiting the consumption of expensive medical grade gas to patient use only. Motor-driven hardware and software-controlled functionality also offer virtually unlimited upgradability. The Fabius GS is suitable for any patient -- pediatric to adult -- and provides Volume Controlled Ventilation, Pressure Controlled Ventilation, Synchronized Volume Control (SIMV), Pressure Support and Manual/Spontaneous modes. Pressure Support mode facilitates spontaneous breathing by removing the work of breathing due to circuit resistance, improving comfort levels and enhancing quality of patient care.

**Electronic Gas-Flow Measurement**

The Fabius GS features vertical flow controls and electronic fresh gas flow indicators, enabling you to compare gas flows more easily and intuitively. Additionally, the export of fresh gas data to an information system allows monitoring of gas usage and to promote the use of low-flow anesthesia.

**Convenient Breathing System**

The flexible, ergonomic design of the Fabius GS allows for optimal positioning of the semi-closed breathing system (COSY). The COSY can be height-adjusted, pre-assembled on the left or right side of the machine and can be easily removed from the machine for cleaning and sterilization. The COSY not only minimizes set-up and installation time but also substantially reduces the potential for leaks, OR pollution and overall gas consumption. It is smart, more ergonomic design.

**Technical Specifications**

Height x Width x Depth .....	1460 x 655 x 690 mm
Weight (base unit without vaporizers or cylinders) .....	224 lbs. (101.6 kg)
Dimensions .....	(W) 89.5 cm x (H) 130 cm x (D) 82 cm (35,2 x 51,2 x 32,3 inches)
Power supply .....	100 - 240 VAC, 50/60 Hz, 2.3 A max.
Battery (supports ventilator and monitor) .....	> 45 min
Ventilator E-vent .....	Electronically controlled, electrically driven
<b>Operating Modes</b>	
Standard .....	Manual/Spontaneous, Volume Control (IPPV)
Options .....	Pressure Control (PCV), Pressure Support (PS), Synchronized Volume Controlled Ventilation w/PS (SIMV/PS)
Breathing frequency .....	4 to 60 bpm
Max. Minute volume (MV) .....	25 L/min
Positive end-expiratory pressure (PEEP) .....	0 - 20 cmH <sub>2</sub> O
Inspiration / Expiration ratio (Ti:Te) .....	4 : 1 to 1 : 4
Pressure limiting (Pmax) .....	15 - 70 cmH <sub>2</sub> O
Tidal Volume (Vt) .....	20 - 1400 mL in Volume Control 20 - 1100 mL in SIMV/PS
Inspiratory pause (Tip:Ti) .....	0 - 50 %
SIMV Inspiratory time (Tinsp) .....	0.3 - 4.0 sec
Inspiratory pressure (Pinsp) .....	PEEP + 5 to 65 cmH <sub>2</sub> O
Inspiratory flow (InspFlow) .....	10 - 75 L/min in Volume and Pressure Control 10 - 85 L/min in Pressure Support
Pressure Support Level (Δ PPS) .....	PEEP + 3 to 20 cmH <sub>2</sub> O
Min. Frequency for Apnea-Ventilation (Freq. Min.) .....	3 - 20 bpm and "OFF"
Trigger .....	2 - 15 L/min
Integrated safety functions .....	Sensitive Oxygen Ratio Controller (S-ORC) guarantees a minimum O <sub>2</sub> concentration of 23% in an O <sub>2</sub> /N <sub>2</sub> O mixture. N <sub>2</sub> O cut-off if O <sub>2</sub> fresh gas valve is closed or if O <sub>2</sub> flow is less than 0.2 L/min. Audible and visual (flashing red LED) indication in case O <sub>2</sub> pressure drops below 20 psi (1.38 bar) ± 4 psi (0.27 bar). In case of electricity and battery failure, manual ventilation, gas delivery and agent delivery are possible. Positive pressure relief valve opens at 75 ± 5 cmH <sub>2</sub> O. Negative pressure relief valve opens at - 7.5 to - 9 cmH <sub>2</sub> O
Range of fresh gas flow indicators .....	0.00 to 12.0 L/min
Total fresh gas flow meter .....	0 to 10 L/min, calibrated with a mixture of 50 % O <sub>2</sub> and 50 % N <sub>2</sub> O mixture at 87 psi (6 bar): max. 75 L/min at 41 psi (2.8 bar): min 25 L/min
O <sub>2</sub> flush .....	
Vaporizer mount .....	Dräger or Selectatec mount
Monitoring .....	Continues monitoring of inspiratory O <sub>2</sub> concentration (can be switched off by Service) breathing frequency, tidal volume, minute volume, mean or plateau pressure, peak airway pressure as well as PEEP. In addition, all fresh gas flow information is displayed as virtual flow tubes.
Serial interface .....	1 x RS 232 (standard) 1 x RS 232 (option)
Protocols .....	Vitalink and Medibus
Data available for export .....	All fresh gas flow, ventilation and O <sub>2</sub> data
Volume of CO <sub>2</sub> absorber .....	1.5 Liter, option: Dräger Medical's consumable CLIC adsorber
Volume of entire compact breathing system .....	2.8 Liter + bag

**Intelligent Cable Management**

The Infinity monitoring line offers an outstanding cable management approach: The MultiMed® parameter module reduces cable clutter and simplifies patient transfer. And the unique Pick and Go® capabilities of the Infinity patient monitoring system provide continuous monitoring during transport and automatic reconfiguration of site specific parameters with Dräger Medical's innovative Infinity Docking Stations (IDS).

**Universal Mounting Platform**

The Pick and Go concept also provides significant efficiency and quality benefits. Because the monitor moves with the patient, no separate transport monitor is required and you will need fewer monitors throughout the patient care process. The choice of a fixed-mount monitoring solution or the Pick and Go transport concept gives you maximum flexibility to adapt your complete anesthesia solution to today's evolving requirements.