

Fabius GS[®]



Simply Smarter

**Your workplace is
more complex than ever ...**



In today's patient-centered and increasingly complex health-care environment, you are constantly facing new challenges. For over a century, Dräger Medical has been committed to working closely with clinicians like you to anticipate and meet your needs by providing solutions that facilitate efficient and effective patient care.





... we'd like to make it simpler

In an environment increasingly focused on cost issues, the anesthesia workplace Fabius GS® offers an unprecedented price-performance ratio that will reduce your total cost of ownership. The ergonomic design of the Fabius GS facilitates efficient use and contributes to a positive, productive anesthesia workplace. Additionally, its modular concept allows you to configure precisely the workstation you require. The Fabius GS also offers convenient software and hardware upgradeability and an open platform for communication, which is ideally suited for use with the Infinity® patient monitoring system.

The tested and proven combination with the Infinity line of patient monitors ensures you get the best and most reliable single-source solution to meet your needs. This monitoring line provides a state-of-the-art parameter set and a configurable user interface.



evolutionary

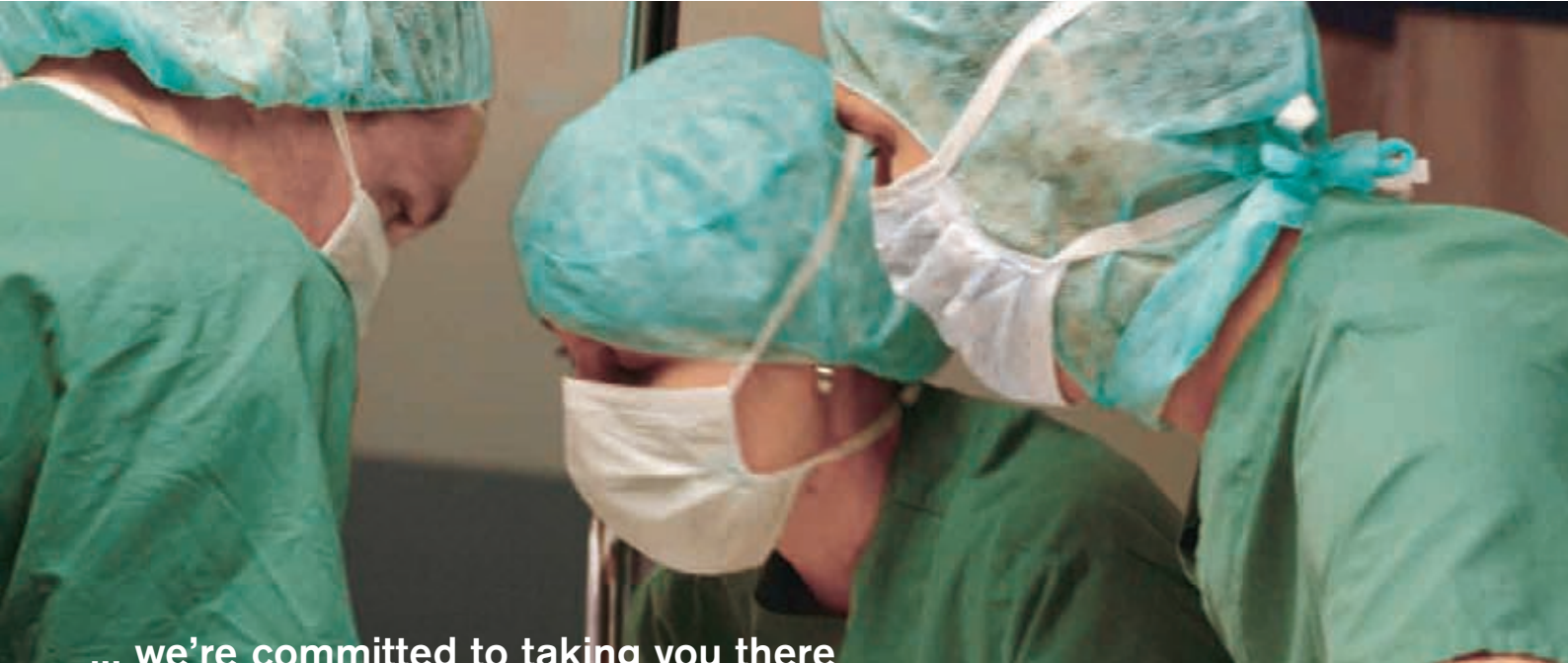
**You're concerned
about improved patient care ...**



The Fabius GS combines advanced ventilation technology with reliable and proven breathing system components, opening new frontiers in ventilation performance while maintaining well-established functionality.



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... we're committed to taking you there

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 upgradeability. 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 is the world's first anesthesia machine with 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.

Compact, 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 simply a smarter and much more ergonomic design.

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You need a tailor-made solution



Intelligent cable management

The Infinity monitoring line offers an outstanding cable management approach: The MultiMed® parameter module reduces cable clutter and simplifies patient transfer. Moreover 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.

ClinicalVision™

Our latest monitoring solutions allow you to choose the high-efficiency data-access tools that make the most sense for your viewing needs. The new Infinity Omega solution uses a two-screen system approach so you can see patient monitoring data and clinical data simultaneously. It includes a Delta patient monitor with the Infinity Docking Station and a 17" touch screen smart display all to help eliminate information access bottlenecks, keep you confidently on top of your entire environment and offer maximum flexibility for your long-term IT needs. With an optional web browser you can access web-based applications as well.



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... Fabius GS gives you freedom of choice

The new Infinity Kappa XLT patient monitor is the first split-screen monitor perfectly suited for the OR. It offers a intuitive 17" touch screen that provides expanded monitoring arranged according to your clinical context on one section of the screen while displaying real-time vital signs and trending on the other: There are no compromising pop-ups and no interruption of vital signs monitoring!

The amount of time needed for staff training is reduced, thanks to the common user interface of our anesthesia workstations. And for the ultimate in-user efficiency, incorporate automated anesthesia record keeping with the Innovian® Anesthesia data management solution.

The Fabius GS is the solution for your needs in today's and tomorrow's healthcare environment. The open hardware and software architecture provides easy upgradeability and ultimate flexibility. Selecting the options you require to configure the most cost-effective Fabius GS to suit your needs provides a simpler and smarter solution.

DrägerService®

Downtime is the last thing you can afford in today's high-pressure clinical environment. Medical equipment needs to be operational 24 hours a day, seven days a week. Our answer to this challenge is to provide you with technical service programs for everything from individual devices to complete CareAreas™ - so you can maintain your performance.

Dräger Education & Training

Today, healthcare providers like you have to meet increasing quality standards. One step toward achieving this involves the safe and effective use of medical devices. Our education and training tools help your staff develop knowledge and skills by empowering through learning. Our services include everything from basic device training to management skill courses - so you can make the most of your resources.



Technical data		Fabius GS
Weight (base unit without vaporizers or cylinders)		224 lbs (101.6 kg)
Dimensions (W X H X D)		35.2 x 51.2 x 32.3 inches (89.5 x 130 x 82 cm)
Power supply		100 - 240 VAC, 50/60 Hz, 2.3 A max.
Operation time with fully charged batteries		up to 120 minutes, minimum 45 minutes
Ventilator E-event		Electronically controlled, electrically driven
Operating Modes		Standard: Manual / Spontaneous Volume Control (Volume) Options: Pressure Control (Pressure) Pressure Support (PS) Synchronized Volume Controlled Ventilation w/PS (SIMV/PS)
Breathing frequency		4 to 60 1/min
Max. Minute volume (MV)		99 L/min
Positive end-expiratory pressure (PEEP)		0 - 20 cmH ₂ O
Inspiration / Expiration ratio (Ti:Te)		4 : 1 to 1 : 4
Pressure limiting (P _{max})		15 - 70 cmH ₂ O
Tidal Volume (V _t)		20 - 1400 mL in Volume Control 20 - 1100 mL in SIMV/PS
Inspiratory pause (Tip:Ti)		0 - 50 %
SIMV Inspiratory time (T _{insp})		0.3 - 4.0 sec
Inspiratory pressure (P _{insp})		PEEP + 5 to 65 cmH ₂ 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 ₂ O
Min. Frequency for Apnea-Ventilation (Freq. Min.)		3 - 20 1/min and "OFF"
Trigger		2 - 15 L/min
Integrated safety functions		Sensitive Oxygen Ratio Controller (S-ORC) guarantees a minimum O ₂ concentration of 23% in an O ₂ /N ₂ O mixture. N ₂ O cut-off if O ₂ fresh gas valve is closed or if O ₂ flow is less than 0.2 L/min. Audible and visual (flashing red LED) indication in case O ₂ 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 ₂ O. Negative pressure relief valve opens at - 7.5 to - 9 cmH ₂ 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 ₂ and 50 % N ₂ O mixture
O ₂ flush		at 87 psi (6 bar): max. 75 L/min at 41 psi (2.8 bar): min 25 L/min
Vaporizer Mount		2 position Dräger mount 2 position Selectatec®
Control Screen		6,5" (16,5cm) black/amber
Monitoring		Continuous monitoring of inspiratory O ₂ concentration, 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) 2nd RS 232 port (option)
Protocols		Vitalink and Medibus
Data available for export		All fresh gas flow, ventilation and O ₂ data
Volume of CO ₂ absorber		1.5 Liter, Option: Dräger Medical's prefilled CLIC absorber (1,2 l)
Gas Supply		O ₂ , N ₂ O & Air
Cylinder yokes		O ₂ , N ₂ O, Air, pin index yokes
Additional accessories		Gas scavenging, patient suction, power outlet strip, additional O ₂ flow tube
Volume of entire compact breathing system		1.7 Liter + bag
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