

Fabius® GS *premium*



The evolution of value

An ever-changing environment is your business...





...keeping pace with its demands is ours.

Increasing expectations

Today's healthcare environment is more complicated than ever, presenting you with innumerable challenges. You are under constant pressure to handle a wider range of patients and more complex procedures. At the same time, cost reduction remains a key driver. These increasing expectations place a premium on the value of your equipment. As a leader and innovator in anesthesia technology, Dräger Medical is prepared to help you keep pace.

More than a century of experience

The latest addition to our Fabius family of anesthesia solutions demonstrates the benefits of working closely with customers like you, to meet your evolving needs through ongoing development. In fact, the Fabius GS *premium* builds on more than a century of anesthesia expertise to redefine the price/performance ratio and help you reduce your total cost of ownership.

A new generation of ergonomic design refinements enhances ease of use, productivity and process efficiency. Performance advancements contribute to more confident therapy delivery and greater continuity of care, regardless of patient acuity. The modular concept allows you to precisely configure the solution you want. Plus, the Fabius GS *premium* combines convenient software and hardware upgradeability with an open communications platform and hospital-wide information access to help you consistently optimize workflow.

steps ahead



Things can change in a heartbeat.

Continuity of care in ventilation

Due to our design innovations, the Fabius GS *premium* helps you confidently handle a wider range of situations with a single solution.

The E-Vent servo controlled piston ventilator delivers maximum peak flow far more precisely than any bellows ventilator and requires no drive gas. Its rapid response time has clear physiological benefits for patients while the digital precision helps you make the most of the latest ventilation modes, including Volume Control, Pressure Control, Pressure Support (PS) and SIMV/PS.

The performance of the Pressure Support modes delivered by the Fabius GS *premium* is comparable with state-of-the-art critical care ventilators.

Time-saving ergonomics

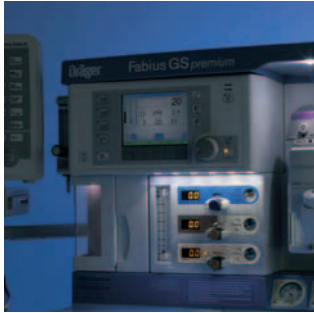
By listening to our customers about how they interact with our anesthesia technology, we have been able to incorporate those little touches that can improve your response time as well as your throughput.

The high-resolution color display helps you rapidly identify alarm severity while an illuminated piston, vaporizer and writing surface enhance visibility in darkened ORs.

The flexible positioning of the breathing system, a flexible and adjustable bag arm and your choice of Dräger or Selectatec® vaporizer mounts all speed setup. A generous 1.5-liter absorber lets you go longer between change-outs and its quick-connect design helps you avoid adsorbent contact during handling. Plus, an entirely new trolley system – complete with a convenient central brake – helps smooth, efficient maneuvering even in tight spots.

Optimizing low-flow anesthesia

Low-flow anesthesia benefits both the patient and the hospital. The key to using it with confidence is the accuracy of your equipment. Our piston precision and electronic capture of fresh gas data are tailor-made for low-flow delivery. An integrated warming element (optional) on the breathing system prevents condensation build-up to support flow measurement accuracy under all conditions.



Integrated illumination



Ventilation data transferred from Fabius GS premium displayed on Infinity Monitors



Breathing system with flexible bag arm



Disposable soda lime Drägersorb® CLIC

Fortunately, your equipment doesn't have to.



confident care

Everybody views information differently.



improved access



We make sure it's precisely how you prefer it.

True workstation networkability

The Fabius GS *premium*, in combination with Dräger Medical's award winning Infinity® patient monitoring and IT solutions, makes cost-effective hospital-wide information access a reality. The Infinity Network provides seamless connectivity to your hospital information systems to effortlessly incorporate vital signs data, ventilation parameters, and flow or pressure loops into an integrated electronic medical record. At the same time, it puts the supplied lab data, diagnostic images or virtually any other patient information you need at your fingertips.

Our unique Infinity OneNet IT solution enables patient monitoring and your hospital information system to reside on a single network. Its innovative design supports the integrity and priority of your patient information while minimizing network deployment and maintenance costs.

At the same time, Infinity monitoring solutions – including intelligent cable management, unique Pick and Go® capabilities and auto-reconfiguration at the bedside – simplify patient transfer and provide continuous monitoring during transport from care area to care area.

Custom-design your workspace

Our latest Clinical Vision monitoring solutions allow you to choose the high-efficiency data-access tools that make the most sense for your viewing needs. The Infinity Omega's two-screen system lets you see patient monitoring data and clinical data simultaneously. It helps eliminate access bottlenecks, keeps you confidently on top of your entire environment and offers maximum flexibility of your long-term IT needs.

The Infinity Kappa XLT patient monitor is the first split-screen monitoring solution perfectly suited to the OR. Display vital signs and trending on one side and expanded data arranged by clinical context on the other – without compromising pop-ups or interruption of vital signs monitoring.

Highly responsive service and support

To get the most out of your anesthesia equipment investment, you can count on renowned DrägerService® to help you maximize system uptime and Dräger Education & Training to empower every user to take full advantage of all the Fabius GS *premium's* capabilities.

Technical Data **Fabius GS premium**

Dimensions and weight (approx.) Base unit with COSY and without supplementary cylinders and vaporizers	296 lb (134.2 kg)
Dimensions W x H x D (with COSY and 2-Vaporizer Mount)	approx. 40.7 x 52 x 33 in (103.5 x 132 x 84 cm)
Dimensions W x H x D (without COSY, with 2-Vaporizer Mount)	approx. 30 x 52 x 33 in (76 x 132 x 84 cm)
Power supply (rating non-configurable)	100 - 240 VAC, 50/ 60 Hz, 70 VA
Battery (supports ventilator and integrated monitor)	> 45 min
Ventilator E-vent	Electronically controlled, electrically driven
Operating modes	Standard: Manual/Spontaneous Volume Control (VC) Pressure Control (PC) Option: Pressure Support (PS) Option: Synchronized Volume Controlled Ventilation w/PS (SIMV/PS)
Breathing frequency	4 to 60 bpm
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 (Pmax)	15 - 70 cmH ₂ 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 (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 (PPS)	PEEP + 3 to 20 cmH ₂ 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 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®
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	2 x RS 232 (standard)
Protocols	Vitalink and Medibus
Data available for export	All fresh gas flow, ventilation and O ₂ data, flow curves and pressure curves
Volume of CO ₂ absorber	Prefilled DrägerSorb CLIC absorber with 1.2 Liter
Volume of entire compact breathing system	2.8 Liter + bag

Selectatec® is a registered trademark of Datex-Ohmeda.

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The quality management system at
Dräger Medical AG & Co. KG is
certified according to ISO 13485, ISO 9001
and Annex II of Directive 93/42/EEC
(Medical devices).