



Your customized
anesthesia workstation

DRÄGER
FABIUS® GS PREMIUM

One of the most challenging places on earth



D-9854-2009

The modern hospital environment is a challenging one. As healthcare providers continue to strive for the best possible care, the realities of increasing demands, limited budgets and rising complexity can often seem intimidating – and sometimes almost insurmountable. So when our engineers set out to design the new Fabius GS premium, they had a very simple philosophy in mind: **As practical as possible, as flexible as we can make it.**



MT-3088/2005

Is there a quality anesthesia workstation out there that's flexible yet simple to use? A machine we can really rely on? One that has all the features we need and is still affordable? And one that we can customize to suit our needs?

Take a closer look at the Dräger Fabius® GS premium

The Dräger Fabius GS premium now combines solid design and modular architecture with a wide range of ventilation capabilities that cover most operating room applications, providing exceptional performance, value and flexibility. Combining time-tested design concepts with the comfort and utility of modern digital technology, it's an anesthesia workstation that is simple to use, highly efficient and ready for the future. An array of options lets you expand the capabilities of the Fabius GS premium even further to create exactly the workstation you need, letting you make the most of your investment.

PERFORMANCE FEATURES

- High-contrast color monitor with Dräger user interface for easy and familiar operation
- All major ventilation modes
- New, highly maneuverable trolley with a central brake
- Integrated LED workplace illumination
- Solid, spacious design with large drawers
- Industry standard rails for additional Dräger and third party equipment
- CLIC absorber compatible

Made with a passion for quality

HIGH PERFORMANCE VENTILATION

At its core, the Fabius GS premium features our powerful and accurate E-vent piston ventilator, a technology which requires no drive gas and delivers ICU-like ventilation performance. This means the Fabius GS premium is ready for a broad range of ventilation applications and acuity levels. All major ventilation modes can be supported, including volume control, pressure control, pressure support (PS) and SIMV/PS, providing smooth transitions from controlled modes to pressure support and spontaneous breathing. Advanced features such as dynamic compliance compensation, fresh gas decoupling and backup ventilation for PS modes let you ventilate with enhanced safety, confidence and control.

Thanks to its high-precision ventilator, compact breathing system design and warmer, the Fabius GS premium is an excellent choice for true low flow ventilation. The quick-start feature allows manual ventilation in standby mode and during power up for rapid support in emergency situations. Ventilation can be continued even in case of gas supply failure.

COMPREHENSIVE CONTROL

The Fabius GS premium features an integrated, high-contrast color monitor which displays relevant ventilation parameters and curves. The Dräger standard user interface, featuring our intuitive select-adjust-confirm concept makes learning to use the Fabius GS premium very easy. Virtual flow tubes are shown on the high-contrast color monitor, and comprehensive data can be recorded and exported for further analysis. An additional mechanical gas flow tube continues to show total gas flow even during a power failure.

CUSTOMIZE YOUR FABIUS

Because every hospital is different, the Fabius GS premium was designed for flexibility. That's why we've included ample mounting space for additional monitors or IT solutions as well as a wide array of useful options. Additional ventilation options and our low flow breathing system kit can extend your ventilation capabilities. Or, add a Dräger Vamos or SCIO monitor for enhanced gas monitoring.

Standard mounting rails and additional, medical grade power outlet strips let you quickly mount Dräger Infinity monitors or even approved third-party equipment. Customize the Fabius GS premium to suit your individual requirements. If your needs change in the future, the Fabius GS premium can change with you. Your Dräger representative will be glad to assist you in choosing the options that are right for you.

To protect your investment Fabius® GS premium can grow with you.



D-22419-2010



D-22545-2010

ENHANCED ERGONOMICS AND ECONOMICS

The Fabius GS premium was designed around your workflow, not vice versa. The newly designed, highly maneuverable trolley with its convenient central brake makes positioning the Fabius GS premium in the often cramped OR environment easy. Three large drawers provide ample storage space for additional equipment and consumables, and a large table facilitates comfortable documentation.

You have the option to mount the breathing system on either side to better conform to your individual operating room setup. Our CLIC absorbers effectively prevent contact with soda lime and, because you can even exchange them during operation, you can get the most out of every canister.

D-9359-2009



Advanced information management

The Fabius GS premium is ready for integration into your existing hospital information system. You can then enjoy the benefits of rapid access to the electronic patient file and other findings and even export data to your network – without ever leaving the patient's side.

Additional Dräger Omega or Omega-S monitors can let you maintain a complete, simultaneous overview of ventilation parameters, hemodynamics, diagnostics, laboratory or other parameters. The Fabius GS premium can also let you take advantage of our Infinity monitoring solutions, including our Pick and Go® and auto-reconfiguration solutions for rapid and seamless patient and patient data transfers.



D-9355-2009

Integrated illumination



D-9353-2009

Total fresh gas flowmeter



MT-2003-2008

CLIC-free absorber
Disposable CO₂ absorber for Dräger anesthesia machines (optional)



MT-8126-2005

Pull-out writing tray
(optional)

Options and accessories

A wide array of options and accessories are available to choose from, giving you the power to build exactly the workstation you need:

- Pressure controlled, pressure support and SIMV/PS ventilation option: Provide ventilation for neonates, pediatrics and adults of practically any acuity level
- Low flow kit (with breathing system warmer and water trap): Avoid condensation build-up in the breathing system during low-flow ventilation
- External fresh-gas outlet
- Mechanical airway-pressure gauge
- Dräger Vamos gas monitor
- Auxiliary oxygen flow meter
- Additional RS 232 interface: Additional import and export capability
- Dräger Infinity patient monitors
- Various monitor mounting solutions and flexible cable management arm
- Color screen
- Additional standard mounting rails with optional rail covers
- Medical-grade power outlet strip: Mount and power additional Dräger or third-party equipment, additional monitors and manage device cables
- Pivoting side tray and side basket
Pull-out writing tray:
Workflow enhancements that are there when you need them, gone when you don't
- Additional medical-grade lamp: In addition to the built-in LED, an additional lamp can be mounted for extra illumination of the documentation table
- Vaporizer park holder: Holds vaporizers in place when not in use
- Flexible breathing bag extension



D-9360-2009

Power outlet strip
One cable from the power outlet, eliminates tangled cables (optional)



MT-5692-2006

Flexible breathing bag extension
for ergonomic positioning of the breathing bag (optional)



D-9285-2009

Auxiliary oxygen flow meter



MT-9361-2009

Color screen
(optional)



MT-3776-2008

Halogen lamp
Additional light source (optional)

Dimensions and weight (approx.)	
Basic unit with COSY and without supplementary cylinders and vaporizers	296 lb (134.2 kg)
Dimensions W x H x D (with COSY and 3-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 (non-configurable)	100–240 VAC, 50/60 Hz, 70 VA, 2.3 A max.
Operation time with fully charged batteries	up to 120 minutes, minimum 45 minutes
Ventilator E-Vent	Electronically controlled, electrically driven
Operating modes	Standard: Manual/Spontaneous; Volume Control (VC) Option: Pressure Control (PC); Pressure Support (PS); Synchronized Volume Controlled Ventilation with PS (SIMV/PS)
Breathing frequency	4 to 60 bpm
Max. Minute Volume (MV)	99 L/min
Positive end-expiratory pressure (PEEP)	0–20 cm H ₂ O
Inspiration/expiration ratio	(Ti:Te) 4 : 1 to 1 : 4
Pressure limiting (P _{MAX})	15–70 cm H ₂ O
Tidal Volume (V _T)	20–1400 mL in Volume Control; 20–1100 mL in SIMV/PS
Inspiratory pause (T _{IP} :T _I)	0–50 %
SIMV inspiratory time (T _{INSP})	0.3–4.0 sec
Inspiratory pressure (P _{INSP})	PEEP +5 to 65 cm H 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 cm H 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) provides 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 cm H ₂ O. Negative pressure relief valve opens at –7.5 to –9 cm H 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 and 3 position Auto Exclusion mount/2 position Selectatec* Optional off-line parking position for 2 vaporizers
Control screen	6.5" (16.5cm) full color TFT display (option)
Monitoring	Continuous monitoring of inspiratory O ₂ concentration, breathing frequency, tidal volume, minute volume, mean or plateau pressure, peak airway pressure, PEEP All fresh gas flow information is displayed as virtual flow tubes.
Serial interface	1 RS 232 (standard); 2nd RS 232 (option)
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	Standard: 1.5 L reusable canister, Option: 1.2 L prefilled DrägerSorb CLIC absorber
Volume of entire compact breathing system	1.7 Liter + bag
Additional accessories	Anesthetic Gas Scavenging, Endotracheal suction, auxiliary flow meter, low-flow kit with breathing system warmer, power outlet strip, pivotable shelf

* Selectatec® is a registered trademark of Datex-Ohmeda

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The quality management system at Dräger Medical GmbH is certified according to ISO 13485, ISO 9001 and Annex II.3 of Directive 93/42/EEC (Medical devices).