Your customized anesthesia workstation

Dräger. Technology for Life®
One of the most challenging places on earth

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.*
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
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.

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.
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.
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: Work flow 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

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

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

Auxiliary oxygen flow meter

Color screen (optional)

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. 30.7 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:
- Max. Minute Volume (MV): up to 60 bpm
- Positive end-expiratory pressure (PEEP): 0–20 cmH₂O
- Inspiration/expiration ratio (Ti:Te): 4:1 to 1:4
- Tidal Volume (Vt): 20–1400 mL in Volume Control; 20–1100 mL in SIMV/PS
- Pressure limiting (PMAX): 15–70 cmH₂O
- Inspiratory pause (TIP:TI): 0–50%
- SIMV inspiratory time (TINS): 0.3–4.0 sec
- Inspiratory pressure (PINSP): PEEP +5 to 65 cmH₂O
- Inspiratory Flow (InspFlow): 10–85 L/min in Pressure Support; 10–75 L/min in Volume and Pressure Control
- Pressure Support Level (PPS): PEEP +3 to 20 cmH₂O
- Min. frequency for apnea-ventilation (Freq. Min.): 3–20 bpm and “OFF”
- Trigger

Integrated safety functions:
- Sensitive Oxygen Ratio Controller (S-ORC) provides a minimum O₂ concentration of 23% in an O₂/N₂O mixture. N₂O cut-off if O₂ fresh gas valve is closed or if O₂ flow is less than 0.2 L/min. Audible and visual (flashing red LED) indication in case O₂ 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 cmH₂O. Negative pressure relief valve opens at –7.5 to –9 cmH₂O.

Range of fresh gas flow indicators:
- 0.00 to 12.0 L/min
- 0 to 10 L/min, calibrated with a mixture of 50% O₂ and 50% N₂O
- 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 O₂ 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 O₂ data, flow curves and pressure curves

Volume of CO₂ absorber:
- Standard: 1.5 L reusable canister, Option: 1.2 L prefilled DrägerSorb CLIC absorber
- 1.7 liter + bag

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

CORPORATE HEADQUARTERS
Drägerwerk AG & Co. KGaA
Moislunger Allee 53-55
23558 Lübeck, Germany

www.draeger.com

Manufacturer:
Drägerwerk AG & Co. KGaA
Moislunger Allee 53-55
23542 Lübeck, Germany

USA
Dräger, Inc.
3135 Quarry Road
Telford, PA 18969-1042, USA
Tel +1 800 4DRAGER (+1 800 437 2437)
Fax +1 215 723 5935
info.usa@draeger.com

Locate your Regional Sales Representative at:
www.draeger.com/contact

Not all products, features, or services are for sale in all countries.
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.