

## Dräger Fabius® GS premium Anaesthesia Workstations

The Dräger Fabius® GS premium is an anaesthesia workstation that is simple to use, highly efficient and ready for the future. It features a solid design with modular architecture plus a wide range of ventilation capabilities. Customize your Fabius® GS premium exactly the way you need it.



## Benefits

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### High performance ventilation

A powerful and accurate E-vent piston ventilator; technology that delivers ICU-like ventilation performance – no need for drive gas. Volume control, pressure control, pressure support (PS) and SIMV/PS - all major ventilation modes can be supported. With low-flow ventilation, compact breathing system and optional heater, the Fabius GS premium is a logical choice.

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### Comprehensive information

An integrated, high contrast colour monitor displays vital ventilation parameters and curves in real time. Virtual flow tubes show individual gas flows and a mechanical tube shows the total gas flow. Total gas flow is displayed even in the unlikely event of power failure.

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### Enhanced ergonomics

The Fabius GS premium comes with a new, highly manoeuvrable trolley featuring a convenient central brake for quick and easy workstation positioning. Additional storage space for equipment and a large table for documentation and other necessities are standard features. The compact breathing system can be mounted on either side, depending on your individual needs. Work in a dark environment? Integrated illumination and an additional light source support you. The Fabius GS premium is compatible with our practical and economical CLIC absorbers.

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### Customised flexibility

Every hospital has its own challenges. That's why we designed the Fabius GS premium with an open, modular architecture. Low-flow ventilation, standard mounting rails and medical-grade power outlet strips for Dräger Omega and Delta XL monitors or even approved third party equipment – the Fabius GS premium can be customised to better suit your individual needs.

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### Ready for IT-integration

Integration into your existing hospital information system is no problem for the Fabius GS premium. Take advantage of its information management capabilities with Infinity® monitoring solutions for rapid patient data access and transfer.

## System components



D-7486-2014

### Dräger Vapor® 2000 and D-Vapor®

Dräger vaporisers have been the benchmark for quality for over 50 years. Quality trusted by doctors and nurses around the world: to date, over 400,000 Vapor units have been sold to hospitals around the world.



D-16623-2014

### Vamos Family

The expandable Vamos Family lets you choose your gas monitoring solution today while keeping your options open for the future. In addition to CO<sub>2</sub> and SpO<sub>2</sub> your monitoring capabilities can be expanded to include all five common anaesthetic agents and N<sub>2</sub>O.



D-17396-2014

### Scio Four Family

O<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>O, and volatile anaesthetic agents at a glance: Scio Four Family can be used with an Infinity monitor anywhere you need it.



MT-1105-2007

### Infinity® Omega Solution

This two-screen solution provides access to images, lab results and other clinical data, while displaying real-time vital signs data at the point of care on a 20" touchscreen. Bedside/transport monitor continuously monitors patient during transport.

## Accessories

MT-2002-2008



### Drägersorb® Soda Lime

High safety<sup>1,2</sup> and CO<sub>2</sub> absorption capacity. Soda lime is essential for CO<sub>2</sub> absorption in inhalation anaesthesia machines with rebreathing systems. Yet conventional soda lime can produce Compound A and carbon monoxide.

D-42848-2012



### WaterLock® 2

Perfect protection for precise gas measurement. Dräger WaterLock® 2 safely stops water from getting into the Multi-Gas Sensor. The membrane technology developed by Dräger for the WaterLock® 2 stops any bacteria or germs from getting into the gas measurement system. The WaterLock® 2 is also safe and simple to empty – with a further advantage in handling and hygiene.

MT-2909-2008



### Breathing Systems and Accessories

Bringing indispensable experience to disposable convenience.

## Related Products

D-6838-2014



### Dräger Fabius® Tiro

Get the most out of even the smallest spaces with a compact yet fully featured anaesthesia solution designed for use in a variety of specialized environments.

D-47657-2012



### Dräger Fabius® plus XL

The Dräger Fabius plus XL combines proven German engineering you can count on with high performance ventilation therapy. Thanks to its scalable design concept, it allows you to choose the quality workstation you want now without losing sight of your future goals and needs.

D-395-2010



### Dräger Fabius® Plus

Combine quality ventilation, easy operation and maintenance with open architecture expandability. The Dräger Fabius® Plus combines quality ventilation with enhanced flexibility and integration capabilities. It was designed to accommodate a wide range of options and accessories, allowing you to customize your Dräger Fabius® Plus to suit your particular needs.

D-12287-2011



### Dräger Fabius® MRI

Increase the diagnostic capability of your MRI unit with the help of state-of-the-art ventilation in the Dräger Fabius® MRI anaesthesia system specially designed for use in MRI environments.

## Technical Data

### BASE UNIT

#### Dimensions (W x H x D)

Trolley Version (Cart) with COSY with 3-Vaporizer Mount	Approx. 40.7 x 52 x 33 in (103.5 x 132 x 84 cm)
Trolley Version (Cart) without COSY with 2-Vaporizer Mount	Approx. 30 x 52 x 33 in (76 x 132 x 84 cm)

#### Weight and load

Fabius GS Premium Trolley (with COSY) without supplementary cylinders and vaporizers	296 lb (134.2 kg)
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#### Power and battery backup

Power Input	100 to 240 VAC, 50/60 Hz, 70 VA
Operation time with fully charged batteries	45 minutes minimum (up to 120 minutes)

### ANAESTHESIA GAS SUPPLY MODULE

Range of fresh gas flow indicators	0.00 to 12.0 L/min
Total fresh gas flowmeter	0 to 10 L/min. calibrated with 50% O <sub>2</sub> / 50% N <sub>2</sub> O gas mixture
O <sub>2</sub> flush	max. 75 L/min at 87 psi (6 kPa x 100):
Vapor mount	Up to two Dräger (Auto Exclusion/Interlock) or Selectatec® Vapors optional additional Dräger (Auto Exclusion/Interlock) or Selectatec Vapor standby holder

### VENTILATOR OPERATING SPECIFICATIONS

Ventilator E-vent®	Electronically controlled, electrically driven
Operating modes	Volume Controlled Ventilation Pressure Controlled Ventilation (Optional) Pressure Support (Optional) SIMV/PS (Optional) Manual Ventilation Spontaneous Breathing

#### Control input ranges

Breathing Frequency (rate)	4 to 60 bpm (1/min)
Positive End Expiratory Pressure (PEEP)	0 to 20 cmH <sub>2</sub> O (hPa)
Inspiration/expiration ratio (Ti:Te)	4:1 to 1:4
Pressure limiting (Pmax)	15 to 70 cmH <sub>2</sub> O (hPa)
Tidal Volume (Vt)	20 to 1400 mL in Volume Control 20 to 1100 mL in SIMV/PS
Inspiration pause (Tip:Ti)	0 to 50 %
SIMV Inspiratory time	0.3 - 4.0 sec
Inspiratory pressure (P <sub>insp</sub> )	PEEP + 5 to 65 cm H <sub>2</sub> O (hPa)
Inspiratory Flow (InspFlow)	10 to 75 L/min in Volume and Pressure Control modes 10 to 85 L/min in Pressure Support and SIMV/PS modes
Pressure Support Level (PPS)	PEEP + 3 to 20 cmH <sub>2</sub> O (hPa)
Min. frequency for apnoe-ventilation (Freq. Min.)	3 to 20 bpm and "OFF"
Trigger level	2 to 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 1.38 bar (20 psi) ± 0.27 bar (4 psi). In case of electricity and battery failure, manual ventilation, gas delivery and agent delivery are possible.

## Technical Data

High Pressure Safety Relief Valve opens at  $75 \pm 5$  cmH<sub>2</sub>O (hPa).  
Negative Pressure Safety Relief Valve opens at -7.5 to -9 cmH<sub>2</sub>O (hPa).

### Ventilator monitoring

Monitoring	Continuous monitoring of inspiratory O <sub>2</sub> concentration (optional), breathing frequency, tidal volume expiration, expiratory minute volume, peak airway pressure, PEEP, and selection of mean or plateau pressure. In addition, all fresh gas flow information is displayed as virtual flow tubes.
Expiratory Minute Volume range	0 to 99 L/min
Control Screen	6,5 in (16,5cm) full color TFT display

### BREATHING SYSTEM

Optional breathing system heater	yes
Volume of entire compact breathing system, with absorber, excl. hoses, excl. bag	1.7 L
Volume of CO <sub>2</sub> absorber	Standard: 1.5 L reusable canister, Option: 1.2 L prefilled Drägersorb CLIC absorber
Mounting	on swivel arm, left or right, height adjustable

### GAS SUPPLY AND CONNECTION

Gas Supply	O <sub>2</sub> , N <sub>2</sub> O, Air / O <sub>2</sub> , Air
Cylinder Yokes (optional)	O <sub>2</sub> , Air / O <sub>2</sub> , N <sub>2</sub> O - pin-index hanger yokes

### OTHER

Communication Interface	1 RS-232 standard, additional RS-232 optional
Protocols	Vitalink and MEDIBUS
Data available for Export	All alarms, pressure, O <sub>2</sub> , volume and fresh gas flow data, ventilation settings, flow curve, and pressure curve
Writing surfaces	Desktop writing tray (standard), Pull-out tray (optional), Pivotal side tray (optional)
Additional accessories	Anaesthetic Gas Scavenging System (AGSS), endotracheal suction unit, integrated auxiliary oxygen flowmeter, low flow kit, power outlet strip

## Notes

### CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA  
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### As of August 2015

Dräger Medical GmbH changes  
to Drägerwerk AG & Co. KGaA

Locate your Regional  
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