

Dräger Fabius® Plus Anaesthesia Workstation

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.



Benefits

Powerful, accurate ventilation without drive gas

Because the Fabius Plus features our electrically driven e-vent ventilator, it delivers ICU-like performance without the need for drive gas. This highly accurate piston ventilation means it is well suited to treat both adult and pediatric patients. The Fabius Plus gives you all the major ventilation modes and can be equipped with two vaporizers. Its external compact breathing system (COSY) – especially designed for low-flow anaesthesia – consists of very few parts and can be quickly disassembled for cleaning. By the way, the Fabius Plus is CLIC-Absorber compatible as well.

Enhanced safety features

The Dräger Fabius Plus comes equipped with optional, advanced features for added safety and convenience, including fresh gas decoupling, dynamic compliance compensation and backup ventilation for Pressure Support modes. The quick-start feature allows manual ventilation even when the power is off, or the workstation is in standby mode or powering up. If the central gas supply should fail, the Fabius Plus will even let you continue automatic ventilation temporarily.

Comprehensive information management

With its integrated, 6.5 inch high visibility screen (color screen optional) and mechanical gas flow tubes for gas flow measurement, the Dräger Fabius Plus provides you with clear, comprehensive status information on a wide range of relevant parameters. Data can also be exported to external monitors or for further analysis with Patient Data Management Systems (PDMS).

Modular open architecture and connectivity

A modular design concept lets you equip your Fabius Plus with a wide range of extras and accessories, including Dräger Infinity® monitors and even third party equipment. Whether it's hemodynamic monitoring, gas monitoring or spirometry, the Fabius Plus gives you the option to expand your capabilities whenever the need arises. The Fabius Plus features enhanced connectivity and is ready for integration into your hospital information system.

Designed around your workflow

Flexible positioning solutions let you mount the Fabius Plus on the wall, the ceiling or even on a highly maneuverable trolley which includes large drawers for consumables and instruments.

System Components



D-28736-2015

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-15623-2014

Vamos® / Vamos® plus

Targeted, safe anaesthesia requires efficient anaesthetic gas monitors. This is exactly what Vamos® and Vamos® plus compact anaesthetic gas monitors provide by reliably displaying carbon dioxide, nitrous oxide and volatile anaesthetic gas concentrations.



D-17396-2014

Scio Four Family

O₂, CO₂, N₂O and volatile anaesthetic agents at a glance: Scio Four Family can be used with an Infinity® monitor anywhere you need it.



MT-8850-2006

Infinity® Delta

With the Delta multiparameter monitor, you can continuously monitor adult, pediatric and neonatal patients both at the bedside and on transport – eliminating the need for separate transport monitors. Supports all patient acuity levels hospital-wide.

Accessories



Drägersorb® Soda Lime

High safety and CO₂ absorption capacity. Soda lime is essential for CO₂ absorption in inhalation anaesthesia machines with rebreathing systems. Yet conventional soda lime can produce Compound A and carbon monoxide.



WaterLock® 2

Perfect protection for precise gas measurement. Dräger WaterLock® 2 safely stops water and secretion from getting into the multi-gas sensor. The measurement system is optimally protected by Dräger's special membrane technology.



Breathing Systems and Accessories

Bringing indispensable experience to disposable convenience.

Related Products



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-6636-2014

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 specialised environments.



D-9285-2009

Dräger Fabius® GS premium

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. Your Fabius® GS premium can be customised to suit your exact 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 2-Vaporizers	Approx. 35.8 x 55 x 30.3 in (91 x 140 x 77 cm)
Wall / Ceiling Version with COSY with 2-Vaporizers	Approx. 33.5 x 28.7 x 19.7 in (85 x 73 x 50 cm)

Weight and load

Fabius® Plus Trolley (with COSY) without supplementary cylinders and vaporizers	242.5 lb (110 kg)
Wall and Ceiling Mount (with mounting bracket)	152.1 lb (69 kg)

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	0.0 to 12.0 L/min
O ₂ 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 ₂ O (hPa)
Inspiration/expiration ratio (Ti:Te)	4:1 to 1:4
Pressure limiting (Pmax)	15 to 70 cmH ₂ 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 (Pinsp)	PEEP + 5 to 65 cm H ₂ 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 ₂ 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 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 1.38 bar (20 psi) ± 0.27 bar (4 psi).

Technical Data

In case of electricity and battery failure, manual ventilation, gas delivery and agent delivery are possible.
 High Pressure Safety Relief Valve opens at 75 ± 5 cmH₂O (hPa).
 Negative Pressure Safety Relief Valve opens at -8 ± 2 cmH₂O (hPa).

Ventilator monitoring

Monitoring	Continuous monitoring of inspiratory O ₂ concentration (optional), breathing frequency, tidal volume expiration, expiratory minute volume, peak airway pressure, PEEP, and selection of mean or plateau pressure.
Expiratory Minute Volume range	0 to 99 L/min
Control Screen	6.5 in (16.5 cm); black/amber (color mode option)

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 ₂ absorber	Standard: 1.5 L reusable canister, Option: 1.2 L prefilled Drägerorb CLIC absorber
Mounting	on swivel arm, left or right, height adjustable

GAS SUPPLY AND CONNECTION

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

OTHER

Communication Interface	1 RS-232 standard
Protocols	Vitalink and MEDIBUS
Data available for Export	All alarms, pressure, O ₂ and volume data, ventilation settings, flow curve and pressure curve
Writing surfaces	Pull-out tray (standard), Flip-up tray (optional)
Additional accessories	Anaesthetic gas scavenging system (AGSS), endotracheal suction unit, integrated auxiliary oxygen flowmeter, auxiliary fresh-gas outlet (A-Cone), low flow kit, power outlet strip

Notes

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