

Dräger Fabius® plus XL Anaesthesia Workstation

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.



Benefits

The Fabius plus XL

Designed to provide quality therapy and sophisticated monitoring capabilities in a compact yet versatile package, the Fabius plus XL incorporates proven German engineering. With a range of expansion options to choose from, it lets you enjoy the advantages of Dräger quality today while maintaining flexibility for the future.

Powerful yet affordable

In addition to the high-quality ventilation capabilities made possible by its highly accurate, electronically driven piston ventilator, the Fabius plus XL now includes a number of features which help you maximize your therapeutic potential and improve patient safety.

A clear view

The Fabius plus XL organizes and displays information clearly and logically on a 10.5 inch color display, providing an excellent overview from a wide range of viewing angles.

Flexible scalability

The Dräger Fabius plus XL lets you flexibly expand its capabilities by adding additional monitors, gas cylinders and other accessories such as infusion pumps.

Improved ergonomics

Carefully positioned mounting rails let you mount additional equipment within easy reach. The optional higher trolley lets you work comfortably in a standing position.

An enhanced cable management concept combined with an integrated power outlet mean less cable clutter.

The space you need

Three large drawers let you store consumables where they are needed – close by. The top storage drawer can be converted to install your choice of Scio gas measurement module.

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-666-2014

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-6638-2014

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)

Standard Trolley Version (Cart) with COSY with 2 Vaporizers	Approx. 35.8 x 56.7 x 30.3 in (91 x 144 x 77 cm)
High Trolley Version (Cart) with COSY with 2 Vaporizers	Approx. 35.8 x 59 x 30.3 in (91 x 150 x 77 cm)
Wall / Ceiling Version with COSY with 2-Vaporizers	Approx. 33.5 x 30.7 x 19.7 in (85 x 78 x 50 cm)

WEIGHT AND LOAD

Standard Trolley (with COSY) without supplementary cylinders and vaporizers	297,6 lb (135 kg)
High Trolley (with COSY) without reserve-gas cylinders and vaporizers	308,7 lb (140 kg)
Wall and Ceiling Mount (with COSY and without supplementary cylinders and vaporizers)	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 1,400 mL in Volume Control 20 to 1,100 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.

Technical Data

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 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. 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	10.4 in (26,4 cm) TFT color screen, day and night mode

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 Drägersorb CLIC absorber
Mounting	on swivel arm, left or right, height adjustable

GAS SUPPLY AND CONNECTION

Gas Supply Versions	O ₂ / N ₂ O/ Air, O ₂ / Air, O ₂ / N ₂ O
Cylinder Supply Versions (optional)	O ₂ , O ₂ / Air, O ₂ / N ₂ O, 1 or 2 standing gas cylinders, pin-index hanger yokes for 2 cylinders

OTHER

Communication Interface	1 RS-232 standard, additional RS-232 optional
Protocols	Vitalink and MEDIBUS
Data available for Export	All alarms, pressure, O ₂ and volume data, ventilation settings, flow curve and pressure curve
Power outlets	2 integrated, medical grade power outlets with circuit breakers (option)
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 common gas outlet (CGO), low flow kit, power outlet strip
Mounting options	Mounting rails on side and rear panels, side/ top mountings for patient monitor, patient gas measurement module, infusion pumps, infusion bags, storage basket

Notes

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