

Dräger Fabius® plus XL Anaesthesia Workstations

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-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 CO₂ and SpO₂ your monitoring capabilities can be expanded to include all five common anaesthetic agents and N₂O.



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

MT-2002-2008



Drägersorb® Soda Lime

High safety^{1,2} 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.

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-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-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-92,85-2009

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. Customize your Fabius® GS premium exactly the way you need it.



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

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|---|--|
| 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 |

Technical Data

| | |
|--|---|
| Integrated Safety Functions | <p>Sensitive Oxygen Ratio Controller (S-ORC) guarantees a minimum O₂ concentration of 23% in an O₂ /N₂O mixture.</p> <p>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).</p> <p>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).</p> <p>Negative Pressure Safety Relief Valve opens at -8 ± 2 cmH₂O (hPa).</p> |
| 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 Drägerorb 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

CORPORATE HEADQUARTERS

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As of August 2015

Dräger Medical GmbH changes
to Drägerwerk AG & Co. KGaA

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