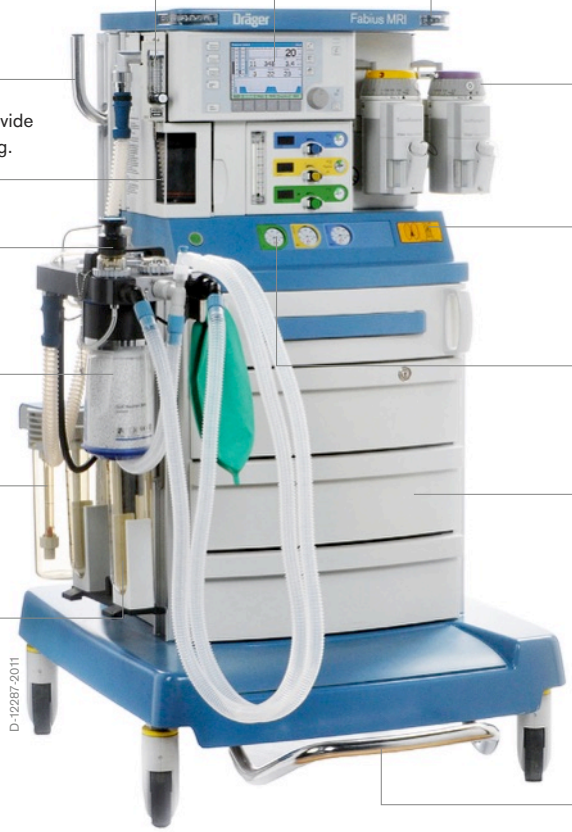
Dräger Fabius® MRI Anaesthesia Workstations

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.



- High-visibility colour screen
- Integrated O_2 (flow tube)
- Fixed and adjustable handles provide easy positioning and maneuvering.
- E-vent piston Ventilator
- Compact Breathing System
- Dräger Sorb CLIC absorber
- Anaesthetic Gas Scavenging System (AGSS)
- Endotracheal Suction Unit
- Integrated warning and alarm LEDs (on both sides)
- 2 vaporizer mount for volatile anaesthetic agent
- Label 40 mtesla/400 gauss Distance to MRI system during operation
- Pressure gauges for pin index gas cylinders (optional)
- 3 large drawers, 1 with lock
- Central brake effectively enables fast and easy interlock or release for enhanced safety especially in magnetic fields.

Benefits

Fully certified for MRI

Specifically designed for use in magnetic environments, the Dräger Fabius MRI is certified for field strengths of up to 40 mTesla or 400 Gauss. This provides reliable ventilation with 1.5 and even 3 Tesla MRI systems.

Electronic ventilator

The Dräger Fabius MRI incorporates a servo-controlled, piston ventilator that requires no drive gas. The piston is capable of delivering higher inspiratory flows than the traditional bellows ventilator, and provides a more accurate volume delivery.

Broad range of therapy modes

The Fabius MRI gives you access to a broad range of ventilation modes - including volume, pressure, pressure support and SIMV/PS - providing a maximum level of respiratory care regardless of the patient acuity level.

Compact design, intelligent ergonomics

The Fabius MRI has a compact breathing system, COSY 2.6 which can be mounted on the left or right hand side of the unit, depending on the room layout. Mounted on a short, 8" arm to provide positioning flexibility, it simplifies use in an often cramped MRI environment. The Fabius MRI also gives you the option of using the Dräger CLIC disposable soda lime absorber canister for an easy dust-free soda lime canister exchange.

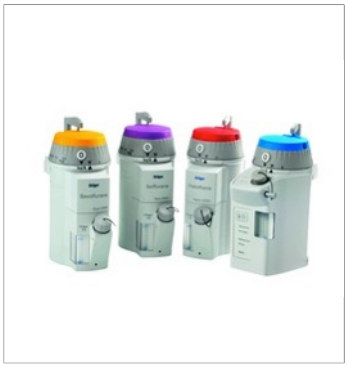
High visibility alarms

The Fabius MRI is equipped with highly visible repeater LED optical alarms that alert caregivers in the central station to changing patient conditions.

Standard operating philosophy

Because it uses Dräger's uniform user interface, Fabius MRI is quick and easy to learn. All relevant information is displayed on a single, high resolution LCD color screen (6.5 inch diagonal).

System components

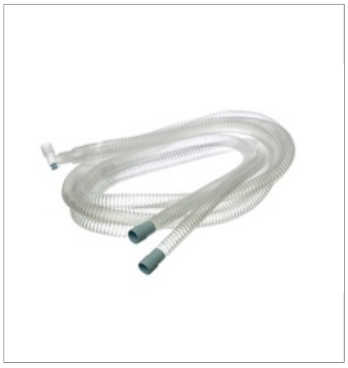


D-7486-2014

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.

Accessories



D-559-2009

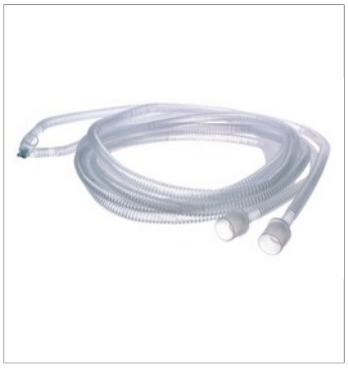
VentStar® MRI 300

Disposable breathing circuit, consisting of 2 smoothbore hoses, Y-piece and LuerLock elbow.

Suitable for use in MRI environment.

Length: 300 cm (118 inch).

Latex free.



D-34334-2009

VentStar® MRI (N) 300

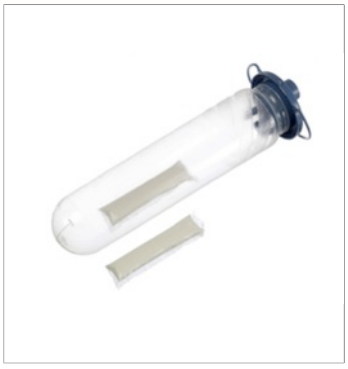
Disposable neonatal breathing circuit, consisting of 2 smoothbore hoses (Ø 10 mm), angled Y-piece with LuerLock.

Suitable for use in MRI environment.

Length: 300 cm (118 inch).

Latex free.

Accessories



MT-3716-2008

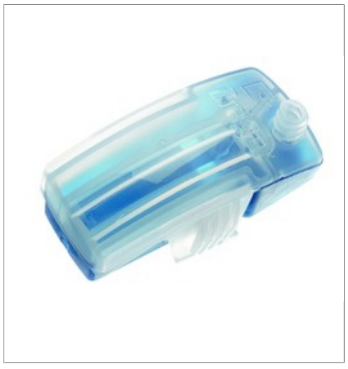
VacuSmart® Gel

The VacuSmart Gel is a disposable cartridge with an integrated gelling agent for all Dräger Medical bronchial aspirators using 700 ml secretion jars. The gelling agent coagulates the bronchial secretion and prevents thereby the leakage e.g. in a case of disposal in a waste press.

MT-2004-2008

CLIC Absorber 800+

Disposable CLIC Absorber 800+ is filled with Drägersorb 800+, 1.2 l (42.2 fl oz.).

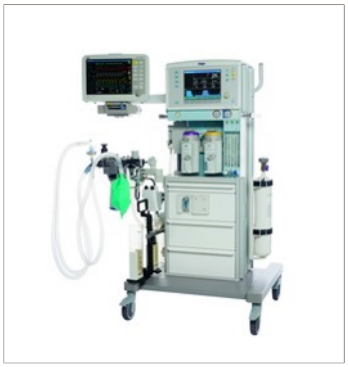


D-42848-2012

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.

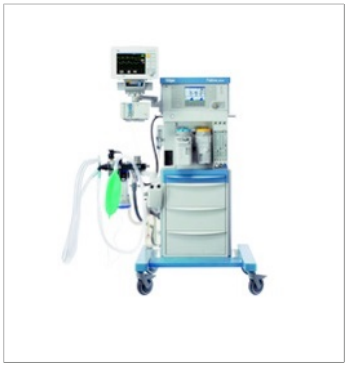
Related Products



D-47657-2012

Dräger Fabius® plus XL

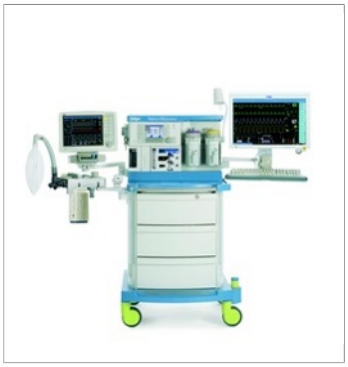
The Dräger Fabius plus XL combines proven German engineering you can count on with high performance ventilation therapy. Thanks to its scalable design concept, it allows you to choose the quality workstation you want now without losing sight of your future goals and needs.



D-395-2010

Dräger Fabius® Plus

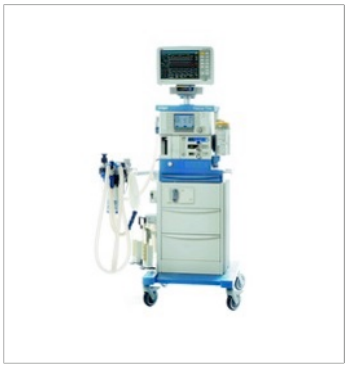
Combine quality ventilation, easy operation and maintenance with open architecture expandability. The Dräger Fabius® Plus combines quality ventilation with enhanced flexibility and integration capabilities. It was designed to accommodate a wide range of options and accessories, allowing you to customize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



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



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.

Technical Data

BASE UNIT

Dimensions (W x H x D)	
Trolley Version (Cart) with COSY	approx. 39 x 55 x 35.5 in (99 x 140 x 90 cm)
Weight and load	
Fabius MRI Trolley (with COSY) without supplementary cylinders and vaporizers	365 lbs. (165,8 kg)
Power and battery backup	
Power Input	100 to 240 VAC, 50 / 60 Hz, 70 VA, including additional power outlets
Operation time with fully charged batteries	> 45 min

ANAESTHESIA GAS SUPPLY MODULE

Range of fresh gas flow indicators	0.0 to 12.0 L/min
Total fresh gas flowmeter	0 to 10 L/min
O_2 flush	at 87 psi (6 bar): max 75 L/min; at 41 psi (2.8 bar): min. 25 L/min
Vapor mount	Dräger Interlock* or Selectatec for: Dräger Isoflurane Vapor 2000, Dräger Sevoflurane Vapor 2000, Dräger Halothane Vapor 2000

* Hosts Auto Exclusion and Interlock Vapor.

VENTILATOR OPERATING SPECIFICATIONS

Ventilator E-vent®	Electronically controlled, electrically driven
Operating modes	Volume Controlled Ventilation Pressure Controlled Ventilation Pressure Support SIMV/PS Manual Ventilation Spontaneous Breathing
Control input ranges	
Breathing Frequency (rate)	4 to 60 bpm
Positive End Expiratory Pressure (PEEP)	0 to 20 cmH_2O (hPa)
Inspiration/expiration ratio (Ti:Te)	4:1 to 1:4
Pressure limiting (Pmax)	15 to 70 cm H_2O (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_2O (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_2O (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) ensures a minimum O_2 concentration of 23% in an O /N_2O mixture.

Technical Data

	N_2O 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). In case of electricity and battery failure, manual ventilation, gas delivery and agent delivery are possible. Positive pressure relief valve opens at 75 ± 5 cm H_2O. Negative pressure relief valve opens at -7.5 to -9 cm H_2O.
Ventilator monitoring	
Monitoring	Continuous monitoring of inspiratory O_2 concentration, breathing frequency, tidal volume (expiratory), minute volume (expiratory), 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 (16.5 cm) color screen
BREATHING SYSTEM	
Volume of entire compact breathing system	1.7 L + bag
Volume of CO_2 absorber	1.5 L (standard) [option: Prefilled Dräger Sorb CLIC absorber with 1.2 Liter]
GAS SUPPLY AND CONNECTION	
Gas Supply	O_2, N_2O & Air
Cylinder Yokes	Pin Index
OTHER	
Writing surfaces	Pull-out tray (standard)
Additional accessories	Secretion aspirator, anaesthetic gas scavenging system

Notes

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As of August 2015

Dräger Medical GmbH changes to Drägerwerk AG & Co. KGaA

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