Dräger Fabius OS

SOMA TECHNOLOGY, INC.™

Worldwide Medical Equipment Sales and Service

Features

- Familiar operation and layout ensures ease of use and a short learning curve.
- RS 232 enables communication with automated record keeping systems for enhanced patient throughput.
- Convenient compact breathing system (COSY)
- Ventilates any patient - even as your needs change to accommodate sicker patients with more complex procedures.
- Consumes no drive gas, allowing dramatically increased ventilation time and reduced cost when running on cylinders
- Pressure control and pressure Support ventilation modes (optional)

Typical Manufacturer's Image

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Revised 11/21/2012

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Weight	296 lbs (134.2 kg) (base unit without vaporizers or cylinders)
Dimensions	40.7 x 52 x 33″ (103.5 x 132 x 84 cm) (W X H X D) (with Cosy and 3-Vaporizer Mount).
Power Supply	100 - 240 VAC, 50/60 Hz, 2.3 A max. (non-configurable)
Operation Time	Up to 120 minutes, minimum 45 minutes; with fully charged batteries
Ventilator E-vent	Electronically controlled, electrically driven
Operating Modes Standard	Volume Controlled Ventilation, Manual Ventilation, Spontaneous Breathing
Operating Modes Options	Pressure Controlled Ventilation, Pressure Support
Breathing frequency	4 to 60 1/min
Max. Minute volume (MV)	0 to 99.9 L/min
Positive end-expiratory pressure	0 - 20 cmH2O (PEEP)
Inspiration / Expiration ratio	4 : 1 to 1 : 4 (TI:TE)
Pressure Limiting	15 - 70 cmH2O (PMAX)
Tidal Volume (VT)	20 - 1400 mL in Volume Control
Inspiratory pause (TIP:TI)	0 - 50 %
Inspiratory pressure (PINSP)	PEEP + 5 to 65 cmH2O
Inspiratory flow (InspFlow) 1	0 - 75 L/min in Volume and Pressure Control ; 10 - 85 L/min in Pressure Support
Pressure Support Level (Δ PPS)	PEEP + 3 to 20 cmH2O
Min. Frequency for apnea-ventilation	3 - 20 1/min and “OFF” (Freq. Min.)
Trigger	2 - 15 L/min
Integrated safety functions	Sensitive Oxygen Ratio Controller (S-ORC) guarantees a minimum O2 concentration of 23% in an O2/N2O mixture. 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 20 psi (1.4 bar) ± 4 psi (0.3 bar). In case of electricity and battery failure, manual ventilation, gas delivery and agent delivery are possible. Positive pressure relief valve opens at 75 ± 5 cmH2O. Negative pressure relief valve opens at - 7.5 to - 9 cmH2O
Range of fresh gas flow indicators	0.00 to 12.0 L/min
Total fresh gas flow meter	0 to 10 L/min, calibrated with a mixture of 50 % O2 and 50 % N20 mixture
O2 flush	at 55 psi (3.8 kPa x 100): max. 50 L/min at 50 psi (3.4 kPa x 100): max. 35 L/min
Vaporizer mount	Auto Exclusion Dräger mount
Control screen	6.5” (16.5cm) black/amber
Monitoring	Continuous monitoring of inspiratory O2 concentration, breathing frequency, tidal volume, minute volume, mean or plateau pressure, peak airway pressure as well as PEEP. In addition, all fresh gas flow information is displayed as virtual flow tubes.
Serial interface	1 x RS 232 (standard)
Protocols	Vitalink and Medibus
Data available for export	All fresh gas flow, ventilation and O2 data, flow and pressure real-time waveform
Volume of CO2 absorber	1.5 Liter, Option: Dräger Medical’s prefilled CLIC absorber (1.2 l)
Gas supply	O2, N2O & Air
Cylinder yokes	O2, N2O, Air, pin index yokes
Additional accessories	Gas scavenging, patient suction, power outlet strip, additional O2 flow tube
Volume of entire compact breathing system	1.7 Liter + bag

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