Product Overview

The Drager Fabius GS Anesthesia Machine has a familiar operation and layout that ensures ease of use and a short learning curve. The 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 and the Ventilator E-vent: Electronically controlled, electrically driven.

The Drager Fabius GS is an inhalation anesthesia machine for use in an operating, induction, and recovery rooms. It can be used with O2, N2O, and AIR supplied by a medical gas pipeline system or be externally mounted in gas cylinders. The Fabius GS is equipped with a compact breathing system that provides fresh gas decoupling, PEEP, and pressure limitation. This anesthesia machine has 5 main ventilation options that include; Volume Controlled Ventilation, Pressure Controlled Ventilation, Pressure Support, Manual Ventilation, and Spontaneous Breathing. It’s equipped with an electrically driven and electronically controlled ventilator that monitors for airway pressure (P), volume (V), and inspiratory oxygen concentration (FiO2).

The Drager Fabius GS anesthesia machine is a popular choice for practitioners who demand advanced ventilation technology combined with reliable and proven breathing system components. The Fabius GS anesthesia workstation opens new frontiers in ventilation performance while maintaining well-established functionality.

Features & Specifications on Next Page

Note: The technical data given in this publication is for general information and is subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.
Features

- High-performance ventilation with versatility that’s more flexible and economical to use than traditional gas-driven bellows ventilators
- Full-color screen
- Compact, convenient breathing system that’s ergonomically designed for optimal positioning
- ClinicalVisionTM – monitoring solution that allows the caregiver to view patient monitoring and clinical data simultaneously
- Customized design for flexibility and ease of use
- Ready for IT-integration
- Low-flow ventilation
- Electronic vertical flow controls and electronic fresh gas flow indicators
- Intelligent cable management for reduced clutter and easier patient trans
- Easy integration into existing hospital information system
- Central braking
- Continuous monitoring during transport and automatic reconfiguration of site-specific parameters with Dräger’s innovative Infinity Docking Stations (IDS).

Specifications

Technical Data

Weight 224 lbs. (101.6 kg) (base unit without vaporizers or cylinders)
Dimensions (W) 89.5 cm x (H) 130 cm x (D) 82 cm (35.2 x 51.2 x 32.3 inches)
Power Supply 100 - 240 VAC, 50/60 Hz, 2.3 A max. Battery (supports ventilator and monitor) > 45 min.

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Specifications

Ventilator

E-vent Electronically controlled, electrically driven

Operating Modes Standard

Manual/Spontaneous; Volume Control (IPPV); Options: Pressure Control (PCV); Pressure Support (PS); Synchronized Volume Controlled Ventilation w/PS (SIMV/PS)

Breathing Frequency

4 to 60 bpm

Max. Minute Volume (MV)

25 L/min

PEEP

0 - 20 cmH2O

Inspiration / Expiration Ratio

(Ti:Te) 4 : 1 to 1 : 4

Pressure Limiting (Pmax)

15 - 70 cmH2O

Tidal Volume (Vt)

20 - 1400 mL in Volume Control; 20 - 1100 mL in SIMV/PS

Inspiratory Pause (T:Ti)

0 - 50 %

SIMV Inspiratory Time (Tinsp)

0.3 - 4.0 sec

Inspiratory Pressure (Pinsp)

PEEP + 5 to 65 cmH2O

Inspiratory flow (InspFlow)

10 - 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 3 - 20 bpm and “OFF”

Apnea-Ventilation (Freq. Min.) Trigger

2 - 15 L/min

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 (1.38 bar) ± 4 psi (0.27 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.

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## Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td><strong>Range of fresh gas flow indicators</strong></td>
<td>0.00 to 12.0 L/min</td>
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<tr>
<td><strong>Total fresh gas flow meter</strong></td>
<td>0 to 10 L/min, calibrated with a mixture of 50 % O2 and 50 % N20 mixture</td>
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<tr>
<td><strong>O2 flush at 87 psi (6 bar)</strong></td>
<td>max. 75 L/min at 41 psi (2.8 bar): min 25 L/min</td>
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<tr>
<td><strong>Vaporizer Mount</strong></td>
<td>Dräger or SelectatecR mount</td>
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<tr>
<td><strong>Monitoring</strong></td>
<td>Continues monitoring of inspiratory O2 concentration (can be switched off by Service) breathing frequency, tidal volume, minute volume, mean or plateau pressure, peak airway pressure as well</td>
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