

Dräger Savina 300 Classic ICU Ventilation and Respiratory Monitoring

The Dräger Savina 300 Classic (in this configuration) combines the independence and power of a turbine-driven ventilation system with a wide range of ventilation modes. The large colour touch screen and intuitive operating system that concentrates on essential features make configuration and operation very simple.



Benefits

Ease-of-use

- Intuitive for simple operation and quick configuration
 - Dräger-wide standardised user interface provides confidence in use and reduces training time
 - Quick operational readiness with an automatic device check
 - Intelligent alarm handling for a quick response to patient alarm situations
 - Smooth and sealed surfaces for easy cleaning and disinfection
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High ventilation performance

- Wide range of ventilation modes
 - Stress-free spontaneous breathing with excellent trigger response time thanks to the turbine
 - Free breathing with AutoFlow in volume constant ventilation at a minimum pressure level
 - Non-invasive ventilation (NIV) with a very quick response time to patient efforts – available in all modes
 - No device change in case of altered ventilation therapy necessary: O₂-therapy allows oxygen application with constant flow
 - Extended graphic capabilities with loops, trends and logbook
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Independent from gas and power supply

- Built-in-turbine with rapid response time and continuous high flow delivery of up to 250 l/min
- Five hours of independent ventilation due to built-in and external batteries
- Transport Supply Unit (TSU) can be quickly attached for ergonomic handling of gas cylinders
- Bed coupling for quick connection between ventilator and patient bed
- Low Pressure Oxygen (LPO) inlet for ventilation without central gas supply

Related Products

D-3602-2019



Dräger Evita® V800

Experience the next level of ventilator operation. The Evita® V800 combines high performance ventilation with an aesthetic design enabling quick and efficient operation. From the first onset of a lung protective ventilation until the integration of a patient care-centred intensive care workplace.

D-12050-2019



Dräger Evita® V600

Experience the next level of ventilator operation. The Evita® V600 combines high performance ventilation with an aesthetic design enabling quick and efficient operation. From the first onset of a lung protective ventilation until the integration of a patient care-centred intensive care workplace.

Technical Data

Ventilation modes	
Volume-controlled ventilation modes	<ul style="list-style-type: none"> - VC-CMV / VC-AC - VC-SIMV
Pressure-controlled ventilation modes	<ul style="list-style-type: none"> - PC-BIPAP¹ / PC-SIMV+ - PC-AC
Support of spontaneous breathing	<ul style="list-style-type: none"> - SPN-CPAP
Enhancements	<ul style="list-style-type: none"> - AutoFlow[®] – Automatic adaption of the inspiratory flow in volume orientated ventilation modes. - NIV – Non Invasive Ventilation with optimised alarm systems and automatic leakage compensation. - Capnography – Mainstream CO₂ measurement - MonitoringPlus – Loops, Trends, user Logbook - LPO – Low Pressure Oxygen. Independent oxygen supply, e.g. with an O₂ concentrator - Nurse call – Connection for transmitting alarm signals to a central, alarm system - O₂-therapy – continuous flow is applied via an oxygen mask, a hood or nasal cannula for patients with independent breathing
Patient type	Adult, paediatric
Respiratory rate	2/min to 80/min
Inspiration time	0.2 to 10 s
Tidal volume	0.05 to 2.0 L, BTPS ²
Inspiratory pressure	1 to 99 mbar (or hPa or cmH ₂ O) (1 mbar = 100 Pa)
PEEP/interm. PEEP	0 to 50 mbar (or hPa or cmH ₂ O)
Pressure support/ Δ Psupp	0 to 50 mbar (or hPa or cmH ₂ O) (relative to PEEP)
Flow acceleration	5 to 200 mbar/s (or hPa/s or cmH ₂ O/s)
O ₂ -concentration	21 to 100 Vol. %
Trigger sensitivity (Flow trigger)	1 to 15 L/min
Inspiratory termination criterion	5 to 75 % PIF (peak inspiratory flow)
O ₂ -therapy	Constant flow Flow (BTPS) 2 to 100 L/min in increments of 1 L/min O ₂ concentration FiO ₂ 21 to 100 Vol% in increments of 1 Vol%
Displayed measured values	
Airway pressure measurements	Max. airway pressure, plateau pressure, mean airway pressure, PEEP 0 to 99 mbar (or hPa or cmH ₂ O)
Minute volume (MV)	Total MV, spontaneous MV 0 to 99 L/min, BTPS
Tidal volume	Inspiratory VT, expiratory VTE, VT _{spont} 0 to 3999 mL, BTPS
Tidal volume per kg of body weight (VT / IBW)	0 to 99.9 mL/kg
Total respiratory rate	Total and spontaneous respiratory rate, 0 to 150/min
Inspiratory O ₂ -concentration	21 to 100 % Vol.
End-tidal CO ₂ concentration EtCO ₂	0 to 100 mmHg (or 0 to 13.2 Vol% or 0 to 13.3 kPa)
Breathing gas temperature	18 to 48 °C (64.4 to 118.4 °F)
Curve displays	Paw(t), Flow(t), Tidal volume (t), CO ₂ (t)
Ventilation ratio (I:E)	1:150 to 150:1
Compliance C	0.5 to 200 mL/mbar (or mL/hPa or mL/cmH ₂ O)
Resistance R	3 to 300 mbar/L/s (or hPa/L/s or cmH ₂ O/L/s)
Leakage minute volume MVleak	0 to 100 %
Rapid shallow breathing RSB	0 to 9999 (1/min/L)

Technical Data

Dimensions and weights

Dimensions (W x H x D)	Basic device: 460 x 383 x 364 ±2 mm (18,11 x 15,08 x 14,33 ±0,08 in) Device with Dräger Savina 300 trolley: 577 x 1295 x 677 ±5 mm (22,72 x 50,98 x 26,65 ±0,20 in) Device with Dräger Savina 300 compact trolley: 577 x 1295 x 677 ±5 mm (22,72 x 50,98 x 26,65 ±0,20 in)
Weight (basic device)	approx. 26 kg (57.3 lbs) without trolley
Diagonal screen size	12" TFT colour touch screen

¹ BIPAP – Trademark used under licence

² BTPS – Body Temperature Pressure Saturated. Measured values relating to the conditions of the patient lung (98.6 °F), steam-saturated gas, ambient pressure.

³ 1 mbar = 100 Pa

⁴ Limited Manufacturer Guarantee subject to conditions specified in the Instructions for Use. Applies only to devices purchased after 1/1/2015.

Some functionalities are available as an option.

Not all products, features, or services are for sale in all countries.

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