

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
-

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
-

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



MT-6073-2008

Dräger Evita® Infinity® V500 ventilator

Combine fully-featured, high-performance ventilation with Infinity® Acute Care System integration to meet the challenges of today's health care environment.



MT-0487-2007

Dräger Carina®

Designed for non-invasive ventilation: With its unique SyncPlus® technology and an extended NIV function, the user-friendly Dräger Carina® offers reliable and easy ventilation – and thanks to its compact design, this also applies when transporting patients.



D-43497-2012

Evita® V300

The Evita® V300 is a scalable and versatile device which offers high ventilation quality. To meet and master the changing conditions and challenges of your everyday hospital work you need flexible equipment with versatile opportunities.

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 _{spn} 0 to 3999 mL, BTPS
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

Special Maneuvers	<ul style="list-style-type: none"> - Intrinsic PEEP PEEP_i 0 to 100 mbar (or hPa or cmH₂O) - Exp. Hold
Loops (MonitoringPlus)	<ul style="list-style-type: none"> - Pressure / Volume - Volume / Flow - Flow / Pressure - Volume / CO₂ - P_{trach} – Volume - Flow – P_{trach}
Alarms	
Airway pressures	high / low
Expiratory minute volume	high / low
Tidal volume	high / low
Apnoea-alarm time	15 to 60 sec
Spontaneous breathing frequency	high
Inspiratory O ₂ -concentration	high / low
Inspiratory breathing gas temperature	high
Inspiratory breathing gas temperature	high
EtCO ₂	high / low
Performance data	
Maximum (continuous) inspiratory flow	250 L/min
Valve response time T _{0...90}	≤ 5 ms
Control principle	time-cycled, volume-controlled, pressure limited
Safety valve opening pressure	120 mbar (or hPa or cmH ₂ O)
Emergency valve	automatically enables spontaneous breathing with filtered ambient air if air and O ₂ supply should fail.
Automatic gas switch-over function if O ₂ supply fails	
Output for pneumatic medication nebuliser	synchronised with inspiration
Leak compensation	synchronised patient-ventilator synchrony adjusts the flow trigger and the inspiratory termination criteria for leaks. <ul style="list-style-type: none"> - tube application: up to 10 L/min - NIV VC-modes: up to 25 L/min - NIV PC-modes: unlimited
Operating data	
Mains power connection	100 V to 240 V, 50/60 Hz
Current consumption	max. 1.3 A at 240 V, max. 3.4 A at 100 V
Battery	internal typically 45 min (optional extension up to 5 h)
Turbine exchange interval	8 years, with no limit in operating hours during this interval
Digital machine outputs	
Digital output and input via an RS 232 C interface	
Dräger MEDIBUS and MEDIBUS.X	
Gas supply	
Air	Turbine technology (with a manufacturer guarantee of 8 years for the turbine ⁴)
O ₂ gas supply	3 bar (43.5 psi) - 10 % up to 6 bar (87 psi)
Dimensions and weights	
Dimensions W x H x D (without trolley)	460 x 383 x 364 ±2 mm (18.11 x 15.08 x 14.33 ±0.08 inch)
Weight (basic device)	approx. 26 kg (57.3 lbs) without trolley
Diagonal screen size	12" TFT colour touch screen

Technical Data

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.

Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.

CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

Manufacturer:

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23542 Lübeck, Germany

REGION DACH

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA

Drägerwerk AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC

Draeger Singapore Pte. Ltd.
25 International Business Park
#04-20/21 German Centre
Singapore 609916
Tel +65 6308 9400
Fax +65 6308 9401
asia.pacific@draeger.com

REGION NORTH AMERICA

Draeger, Inc.
3135 Quarry Road
Telford, PA 18969-1042, USA
Tel +1 800 4DRAGER
(+1 800 437 2437)
Fax +1 215 723 5935
info.usa@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Dräger Panama S. de R.L.
Complejo Business Park,
V tower, 10th floor
Panama City
Tel +507 377-9100
Fax +507 377-9130
contactcsa@draeger.com

Locate your Regional Sales
Representative at:
www.draeger.com/contact

