



The **Dräger Savina 300 Select** combines the independence and power of a turbine- powered ventilation system with cutting edge ventilation modes. For the first time Dräger offers a ventilator with oxygen therapy and Automatic Tube Compensation which were just for intensive care in the past. The Savina 300 Select operates independently for a central power and gas supply making it more flexible in a hospital setting. The ventilator is suitable for invasive and non-invasive therapy for acute and chronic care of patients from neonates to adults. The Dräger Savina 300 Select was designed to meet the ventilation needs for the most critically ill patients and flexible to be used anywhere in the hospital.

The 300 Select uses ambient air to filter through the ventilation system. The ventilator system keeps the respiratory gas at a permanently high flow delivery of up to 250 l/min. The ventilator can react quickly to pressure fluctuations and compensate for possible leakages in the case of patients ventilated with a mask. The large color touch screen design and the intuitive operating system make operation simple.

Features

- Sophisticated ventilation modes for critically ill patients (e.g. PC-APRV, VC-MMV)
- Automatic Tube Compensation ATC® reduces the work of breathing for intubated patients with spontaneous breathing
- Stress-free spontaneous breathing with excellent trigger response time due to the turbine
- Free breathing with AutoFlow® in volume constant ventilation at a minimum pressure level
- Non-invasive ventilation (NIV) available in all modes with a very quick response time to patient efforts
- Extended graphic capabilities with loops, trends and logbook
- Pediatric ventilation with enhanced trigger detection



Specifications

Dimensions (without trolley)

Height: 15.08in (383 mm)
Width: 18.11in (460 mm)
Depth: 14.33 in (364 mm)
Weight: 57.3lbs (26 kg)
Diagonal Screen size: 12in TFT color touch screen

Ventilation Modes

VC-CMV / VC-AC
VC-SIMV
VC-MIMV
PC-APRV
PC-BIPAP1 / PC-SIMV+
PC-AC
SPN-CPAP

General

Patient type: Adult, pediatric
Respiratory rate: 2/min to 80/min
Inspiration time: 0.2 to 10 s
Tidal volume: 0.05 to 2.0 L, BTPS2) with option PediatricPlus 0.02 to 2.0 L
Inspiratory pressure: 1 to 99 mbar (or hPa or cmH2O)
PEEP/interm. PEEP 0 to 50 mbar (or hPa or cmH2O)
Pressure support/ ΔP_{supp} : 0 to 50 mbar (or hPa or cmH2O) (relative to PEEP)
Flow acceleration: 5 to 200 mbar/s (or hPa/s or cmH2O/s)
O2-concentration: 21 to 100 Vol. %
Trigger sensitivity (Flow trigger): 1 to 15 L/min
Inspiratory termination criterion: 5 to 75 % PIF (peak inspiratory flow)
PC-APRV (optional):
Inspiratory time T_{high} 0.2 to 22.0 s
Expiratory time T_{low} 0.1 to 22.0 s
Inspiratory pressure P_{high} 1 to 95 mbar (or hPa or cmH2O)
Expiratory pressure P_{low} 0 to 50 mbar (or hPa or cmH2O)

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

Gas Supply

Air Turbine technology
O2 gas supply 3 bar (43.5 psi) - 10 % up to 6 bar (87 psi)

Digital Machine Outputs

Digital output and input via an RS 232 C interface
Dräger MEDIBUS and MEDIBUS.X