



The **Dräger Evita V300** offers high quality ventilation. It can easily be adjusted to different height and is a versatile tool for your hospital. the V300 can be integrated into an intensive care supply unit or it can be used during transport. The device can supply a patient with breathing gas flow of up to 250L/min, even at high ventilation pressure.

Features

Versatile and scalable

- Ventilation for adults, children and neonates: invasive, non-invasive and with O₂-therapy
- Volume- or pressure-controlled ventilation, spontaneous breathing
- Independence due to optional gas and power supply units: GS500 (compressed air), PS500 (power),TSU (gas)
- Flexible workstation integration by attaching to supply unit or trolley
- Individually adjustable configurations easily transferred via USB
- Context-sensitive help function facilitates setting the ventilation parameters and explains device functions

High ventilation quality

- Automatic tube compensation (ATC) compensates for artificial airway resistance
- Automatic leak compensation with invasive and non-invasive ventilation
- AutoFlow® in volume-controlled ventilation provides the tidal volume at the lowest possible pressure
- PC-APRV with optional AutoRelease enables spontaneous breathing with continuous positive airway pressure and short-term pressure relief
- Breathing deeply and freely thanks to AutoFlow®, Volume Guarantee (VG) or SPN-CPAP
- Various spontaneous breathing support, e.g.: VC-MMV, SPN-PPS, Volume Support (VS), Pressure Support (PS)
- Advanced analysis tools such as trends or CO₂ monitoring
- Automatic weaning with SmartCare®/PS
- Graphical representation of breathing resistance and elasticity with Smart Pulmonary View



Specifications

Dimensions

(W x H x D)
 Evita V300 and Infinity C300 390 mm x 680 mm x 410 mm
 (15.4 in x 26.8 in x 16.1 in)
 Evita V300 and Infinity C300 on trolley 577 mm x 1400 mm x 677 mm
 (22.7 in x 55.1 in x 26.7 in)

Weight

Evita V300 and Infinity C300 approx. 24 kg (52.9 lbs)
 Evita V300 and Infinity C300 on trolley approx. 58 kg (127.9 lbs)
 PS500 approx. 27 kg (59.5 lbs)
 GS500 approx. 10.5 kg (23 lbs)
 Mounting: Supporting frame 1,65 kg (3.64 lbs)

Infinity® C300

Diagonal screen size Infinity C300 15,4"
 TFT color touch screen
 Input / Output ports (at Infinity C300) – 2 external RS232 (9-pin) connectors
 – 2 USB ports (on the back panel)
 – 1 USB port (on the side panel)
 – 1 DVI (not enabled)
 – 1 LAN port

Power

Mains power connection 100 V to 240 V, 50/60 Hz

Measured values displayed

Airway pressure measurement Plateau pressure Pplat
 Pos. end-exp. pressure PEEP
 Peak inspiratory pressure PIP
 Mean airway pressure Pmean
 Min. airway pressure Pmin
 Range –60 to 120 mbar (or hPa or cmH2O)

Flow Measurement

Minute volume measurement MVe, MV_i, MV_{emand}, MV_{espon}, MV
 Range 0 to 99 L/min BTPS
 Tidal volume measurement VT, VT_{imand}, VT_{emand}, VT_{ispon}, V_{trap}
 Range 0 to 5500 mL BTPS
 Frequency measurement Breathing frequency RR
 Spontaneous breathing frequency RR_{spon}
 Range 0/min to 300/min
 O₂ measurement (inspiratory side) Inspiratory O₂ concentration FiO₂
 Range 18 to 100 Vol%
 CO₂ measurement in main flow (adults and pediatric patients only)
 (optional)
 End-expiratory CO₂ concentration etCO₂
 Range 0 to 100 mmHg