



The **Dräger Evita Infinity V500** can be used on adult, pediatric, and neonatal patients. The Dräger v500 is an advanced ventilation system that is used for acute respiratory support. Providing both invasive and Non-invasive ventilation along with comprehensive monitoring and treatment functions. The monitoring screen comes with an omnidirectional alarm bar, that can be seen from any point in the patient's room. The Evita V500 Ventilator is recognized for its comprehensive patient-interface leakage. By compensating quickly by adjusting both triggers and termination points. Dräger offers a variety of different ventilators, another in the Dräger Evita line is the Dräger Evita V300.

Features

- Lung diagnostic tools like Low Flow.
- Volumetric CO2 Monitoring.
- Weaning parameters.
- Variable pressure support.
- Non-invasive ventilation in all modes and all patient categories.
- Data export via USB Interface.
- Flexible screen configurations.



Specifications

Dimensions

Height: 55.3 in (142 cm)

Width: 22.7 in (57.7 cm)

Depth: 27.1 in (68.7 cm)

Weight: 130 lbs. (59 kg)

Display

Type: TFT color touch screen

Size: 17" (43.2 cm) (Diagonal)

Inputs/Outputs: 3 external RS232 (9-pin) connectors; 6 USB ports for data collection; 3 DVI for digital video output; 1 LAN port; 2 RJ 45 Ethernet connectors

Patient Types

Adults, pediatric patients, and neonates

Ventilation Modes

Volume Controlled Ventilation: VC-CMV, VC-SIMV, VC-AC, VC-MMV

Pressure Controlled Ventilation: PC-CMV; PC-BIPAP1 / SIMV+; PC-SIMV; PC-AC; PC-APRV; PC-PSV

Support of Spontaneous Breathing: SPN-CPAP/PS; SPN-CPAP/VS; SPN-CPAP; SPN-PPS

Enhancements

AutoFlow / Volume Guarantee (VC-AC)

Variable Pressure Support

Smart Pulmonary View

Automatic Tube Compensation (ATC)

Mask Ventilation (NIV)

SmartCare/PS 2.0 – Automated clinical protocol in SPN-CPAP/PS

Low Flow PV Loop

O2-therapy

Special Procedures

Suction maneuver

Manual inspiration/hold

Medication nebulization

P0.1

PEEPi

NIF

Therapy Types

Invasive ventilation (Tube)

Non-invasive ventilation (NIV)

O2-therapy



Specifications

General

Ventilation frequency (RR): Adult 0.5 to 98/min; Pediatric patients, Neonates 0.5 to 150/min

Inspiration time (Ti): Adults 0.11 to 10 s; Pediatric patients, Neonates 0.1 to 10 s

Tidal volume (VT): Adults 0.1 to 3.0 L; Pediatric patients 0.02 to 0.3 L; Neonates 0.002 to 0.1 L

Inspiratory flow (Flow): Adults 2 to 120 L/min; Pediatric patients, Neonates 2 to 30 L/min

Rise time for pressure assist (Slope): Adults, Pediatric patients 0 to 2 s; Neonates 0 to 1.5 s

O2 concentration (FiO2): 21 to 100 Vol.%

Trigger sensitivity (Flow trigger): 0.2 to 15 L/min

O2 Therapy: Continuous Flow 2 to 50 L/min; O2 concentration FiO2 21 to 100 Vol%

Gas Supply

O2 gauge pressure: 2.7 to 6.0 bar (or 270 to 600 kPa or 39 to 87 psi)

Air gauge pressure: 2.7 to 6.0 bar (or 270 to 600 kPa or 39 to 87 psi)

