BABYLOG VN600 VENTILATOR

Our **Dräger Babylog VN600** is a state-of-the-art neonatal ventilator that combines advanced ventilation modes, a user-friendly interface, comprehensive monitoring capabilities, and safety features to provide optimal respiratory support for newborns.

Features

- Offers a comprehensive range of ventilation modes.
- VN600 ensures safe ventilation, minimizing the risk of ventilator-induced lung injury.
- User-friendly touchscreen interface with ventilation parameters, alarms, and patient monitoring data.
  Equipped with s alarms and safety features for neonatal ventilation.
- Advanced monitoring features such as capnography and FiO2 monitoring.
- Compact and lightweight, making it suitable for use in various clinical settings.
- Integration with electronic medical records (EMRs) and facilitating data documentation, analysis, and trend monitoring.
- Built to withstand the rigors of neonatal intensive care.

SOMA TECH INTL • 166 HIGHLAND PARK DRIVE • BLOOMFIELD, CT 06002 • USA
PHONE: 1.800.GET.SOMA • WWW.SOMATECHNOLOGY.COM • EMAIL: SOMA@SOMATECHNOLOGY.COM

REVISED 2/10/2023

Specifications

Dimensions

Height: 55.6 in (141.3 cm)

Width: 22.8 in (58.1 cm)

Depth: 30.5 in (77.6 cm)

Weight: 128 lbs. (58.0 kg)

Ventilation Settings

Ventilation mode: PC-CMV, PC-SIMV, PC-AC, PC-APRV, PC-PSV, PC-HFO, PC-MMV, SPN-CPAP/PS, SPN-CPAP/VS, SPN-CPAP, SPN-PPS

Enhancements: Volume Guarantee/HF-Volume Guarantee, Smart Pulmonary View, Automatic Tube Compensation (ATC®)4, APRV-AutoRelease®, Apnoea ventilation, Automatic flow adjustment

Special procedures: Suction manoeuvre, Manual inspiration/hold, Medication nebulisation

Respiratory rate (RP): Neonates 0.5 to 150/min

Inspiratory time (Ti): Neonates 0.1 to 3 s

Tidal volume (VT): Paediatric patients 20 to 300 mL, Neonates 2 to 100 mL

Inspiratory flow (Flow): Paediatric patients, Neonates 2 to 30 L/min

Inspiratory pressure (Pinsp): 1 to 80 mbar (or hPa or cmH2O)

Pressure limitation (Pmax) : 2 to 100 mbar (or hPa or cmH2O)

Positive end-expiratory pressure (PEEP): 0 to 35 mbar (or hPa or cmH2O)

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

Trigger threshold (Trigger) : 0.2 to 5 L/min

Pressure support (Psupp) : 0 to 80 mbar (or hPa or cmH2O)

Flow volume measurement:

Respiratory rate measurement: Respiratory rate (RR), Mandatory respiratory rate (RRmand), Respiratory rate of triggered mandatory breaths (RRtrig), Spontaneous respiratory rate (RRspon), Range 0 to 300/min

O2 measurement (inspiratory side): Inspiratory O2 concentration, Range 18 to 100 Vol%

CO2 measurement in main flow: End-tidal CO2 concentration (etCO2), Range 0 to 100 mmHg

SOMA TECH INTL • 166 HIGHLAND PARK DRIVE • BLOOMFIELD, CT 06002 • USA
PHONE: 1.800.GET.SOMA • WWW.SOMATECHNOLOGY.COM • EMAIL: SOMA@SOMATECHNOLOGY.COM

REVISED 2/10/2023

Alarms/ Monitoring

Expiratory minute volume (MVe): High / Low
Airway pressure (Paw): High
Inspiratory O2 concentration (FiO2): High / Low
End-tidal CO2 concentration (etCO2): High / Low
Respiratory rate (RR): High
Volume monitoring (VT): Low
Apnoea alarm time (Tapn): 5 to 60 seconds, Off
Disconnection alarm time (Tdiscon): 0 to 60 seconds

Pereformance Data

Control principle: Time-cycled, volume-constant, pressure-controlled
Length of intermittent PEEP: 1 to 20 expiratory cycles
Medication nebulisation: For 5, 10, 15, 30 minutes, continuously (∞)

Power:

Electric power inlet: 100 V to 240 V, 50/60 Hz
Current consumption At 230 V: Max. 1.3 A
Current consumption At 100 V: Max. 3.0 A
Inrush current: Approx. 8 to 24 A peak, Approx. 6 to 17 A quasi-RMS
Maximum: 100 V to 240 V, 5
During ventilation, without charging the battery : Approx. 100 W ventilation unit with display unit, Approx. 180 W with GS500
Internal battery of ventilation unit (without PS500): Type NiMH battery, sealed
Battery runtime if mains power supply is not available: Without GS500 30 minutes, With GS500 15 minutes
Batteries in the PS500 power supply unit: Type LFP batteries
Battery runtime if mains power supply is not available: Without GS500 240 minutes, With GS500 120 minutes

Gas Supply

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

`

SOMA TECH INTL • 166 HIGHLAND PARK DRIVE • BLOOMFIELD, CT 06002 • USA
PHONE: 1.800.GET.SOMA • WWW.SOMATECHNOLOGY.COM • EMAIL: SOMA@SOMATECHNOLOGY.COM