

E3

Ventilator

Technical Specifications

Patient type Adults and children (bodyweight of at least 4 kg/8.8 lbs.)

Ventilation settings

Ventilation mode Assist/Control (VCV or PCV)
SIMV, SIMV/Psupp (VCV or PCV)
PSV
CPAP
DuoLevel
NIV – Mask Ventilation

Ventilation frequency (f) 1 to 100 /min (A/C), 1 to 60 /min (SIMV)

Inspiration time (Tinsp) 0.2 to 10 s

Tidal volume (VT) 0.1 to 2.0 L (Adult)/0.04 to 0.3 L (Pediatric)

Inspiratory flow 6 to 100 L/min (Adult)
6 to 30 L/min (Pediatric)

Inspiratory pressure 5 to 100 cmH₂O

PEEP Off, 1 to 45 cmH₂O

△Psupp 0 to 100 cmH₂O

Rise time for inspiratory pressure 0 to 2 s

O₂ concentration 21 to 100 Vol.%

Trigger (Pressure/Flow) 0.5 to 15 L/min / -10 to -0.5 cmH₂O

Monitored Parameters

Airway pressure Peak pressure, plateau pressure, mean airway pressure,
PEEP, min. pressure (-20 to +120 cmH₂O)

Minute volume (MV) MV, MVspont, MVleak (0 to 100 L/min)

Tidal volume (VT), (BTPS*) Inspired VT, expired VT, VTPS (0 to 4000 ml)

Breathing frequency (f) ftot, fspn, fmand. (0 to 200/bpm)

O₂ concentration (FiO₂) Inspired O₂ concentration (15 to 100 Vol.%)

Lung mechanics Resistance (cm H₂O/L/s)
Compliance (0.0 to 300 ml/cm H₂O)
RSBI (0 to 9999 l/(minx • L)
WOB (0 to 100)(J/min)
NIF (-45 to 0)(cm H₂O)
P 0.1 (-20 to 0)(cmH₂O)
PEEPi (0 to 120)(cm H₂O)

Waveforms Airway pressure-time, flow-time, volume-time,
Loops Paw-V, V-Flow, Flow-Paw
Trends 72 hours
Capnography (etCO₂) (optional)
0 to 99 mmHg with waveform

Alarms

Airway pressure High / Low
Expired minute volume High / Low
Tidal volume High
Apnea alarm time 5 to 60 s
Spontaneous breath frequency High
Inspired O₂ concentration High / Low
EtCO₂ (optional) High / Low

Performance data

Max. flow for pressure support and spontaneous breathing 120 L/min (adult)
Control principle Time cycled, volume constant, pressure-controlled
Leakage and hose system compensation automatic
Outlet for pneumatic nebulizer

Operating data

Mains power connection 100 to 240 V, 50/60 Hz
Power consumption Typically approx. 195 W
Gas supply operating pressure O₂, air: 2.7 to 6.5 bar / 39 to 94 PS/280 to 650 kPa
Physical Specifications
Dimensions ventilator (H x W x D) 330 x 390 x 365 mm (include display)
Diagonal screen size 10.4" TFT LCD color touch screen
Weight basic unit Approx. 16 kg

CRITECHCARE MEDICAL SUPPLY AND SERVICES

DOOR 2, RGF BUILDING, LEO ST., PHASE 2, DONA LUISA, DAVAO CITY

Email Address: critechcaremedical@gmail.com

Website: www.critechcare.com

Contact No: (082) 333-5570

Phone No: 0916 293 7893



E3

Ventilator

- V-A/C, P-A/C, V-SIMV, P-SIMV, CPAP/PSV Ventilation mode
- Compact design
- 10.4" touch TFT LCD screen
- 3 waveforms display
- Dual CPU control
- 72 hours trend
- Internal battery support up to 90 min running time
- Optional Duo level and NIV ventilation mode
- Optional EtCO₂ monitoring



CRITECHCARE MEDICAL SUPPLY AND SERVICES

DOOR 2, RGF BUILDING, LEO ST., PHASE 2, DONA LUISA, DAVAO CITY

Email Address: critechcaremedical@gmail.com

Website: www.critechcare.com

Contact No: (082) 333-5570

Phone No: 0916 293 7893

