

E5

Ventilator

- V-A/C, P-A/C, V-SIMV, P-SIMV, CPAP/PSV Ventilation mode
- Compact design
- 12.1" touch TFT LCD screen
- 3 waveforms display
- Dual CPU control
- 72 hours trend
- Internal battery support up to 180 min running time
- Optional PRVC, APRV, Duo level and Non-invasive(NIV) ventilation mode
- Optional EtCO₂ monitoring



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healthcare within reach

E5 Ventilator

Technical Specifications

Patient type Adults and children (bodyweight of at least 2 kg/4.4 lbs.)

Ventilation settings

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

Ventilation frequency (f) 1 to 150 /min (A/C), 1 to 60 /min (SIMV)

Inspiration time (T_{insp}) 0.2 to 10 s

I:E 4:1 to 1:10

Tidal volume (TV) 0.1 to 2.0 L (Adult)/0.02 to 0.3 L (Pediatric)

Inspiratory flow 6 to 120 L/min (Adult)
6 to 30 L/min (Pediatric)

Inspiratory pressure 5 to 100 cmH₂O

PEEP Off, 1 to 45 cmH₂O

△P_{supp} 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, MV_{spont}, MV_{leak} (0 to 100 L/min)

Tidal volume (TV), (BTPS*) Inspired VT, expired VT, VT_{PS} (0 to 4000 ml)

Breathing frequency (f) ftot, f_{spn}, f_{mand}. (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/(min*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

Internal battery running time: 90 mins or 180 mins (Option)

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) 475 x 430 x 430 mm (include display)

Diagonal screen size 12.1" TFT LCD color touch screen

Weight basic unit Approx. 16 kg

DISTRIBUTOR:



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