

ICU Ventilator



Electrical Interface

Nurse call, USB, NET, RS232, VGA

Interface Type

Main patient outlet : ISO 22M/15F

Oxygen inlet : DISS or NIST male

Display

Display size: 15.6 in diagonal

Display type: Active matrix color TFT LCD

Display resolution: SVGA resolution, 1366 x 768

Controls

Ventilation modes:

Spn-CPAP, PC-CMV, PC-ACV, PC-SIMV, PC-Dual PAP, PC-AMV, PC-APRV, PC-MMV, VC-CM-V, VC-ACV, VC-SIMV

Special functions:

manual breath, O2 therapy, standby, screen-lock, inspiratory hold, expiratory hold, sigh, ATC, PCVR, PPS, Compliance, p0.1, calibrate, nebulizer, O2 suction.

Patient types: adult/pediatric/Neonate

Patient height: adjustable

Real-time waveforms:

Paw, Flow, Volume, EtCO₂, SPO₂

Optional: CO₂, SPO₂ (related parameters)

Loops: P-V, V-Flow, Flow- P

Trends: 1s, 5s, 1min, 10min, 30min, 60min

Tidal volume: 10 to 2000mL

PEEP/CPAP: 0 to 30 cmH₂O

Oxygen: 21 to 100%

I:E ratio: 1:10 to 4:1

Inspiratory time (TI): 0.2 to 5 s

Flow trigger: 0.2 to 15 l/min

Pressure trigger: -0.5 to -20cmH₂O

Pressure control: 5 to 90 cmH₂O, added to PEEP/CPAP

Pressure support: 0 to 90 cmH₂O, added to PEEP/CPAP

Pressure ramp: 0 to 2s

Expiratory trigger sensitivity (ETS):

OFF, 5 to 90 % of inspiratory peak flow

Peak flow Spontaneous: > 210 L/min

Electrical and gas supplies

Input voltage:

100 to 120 V ~ ±10 %, 50 / 60 Hz AC or 24 VDC±10 %

Power consumption: 50 W typical

Protection class: Class I

Backup battery:

time 2 hours typical with one internal battery /2 batteries can be stored / hot swappable

Oxygen supply:

280 to 600 kPa (41 to 87 psi), 120 L / min

Low pressure:

oxygen ≤15 L / min, max. 600 hPa for low pressure

Alarms

Operator-adjustable:

Low/high minute volume, low/high pressure, low/high tidal volume, low/high rate, apnea time, low/high oxygen

Optional: low/high CO₂, low/high SPO₂

Special alarms:

Oxygen concentration, disconnection, loss of PEEP, exhalation obstruction, flow sensor, power supply batteries, gas supply

Loudness Adjustable: 1 to 9

Event log: Storage and display of up to 1000 events with date and time stamp

Physical dimensions

Weight: < 45.3 kg

Dimensions(WxHxD): Approx. 600x402x415mm

