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
Fully electronic control
Ventilation type: Blower
Ventilation modes:
A/C-VCV, A/C-PCV, A/C-PRVC, SIMV-VC, SIMV-PC, SIMV-PRVC, BIPAP, APRV, CPAP,
CPAP-VG, NIV, IV.
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
**Monitoring**

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: 5 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

Expiration 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:
  - 2 batteries (5200mAh each) / hot swappable

Oxygen supply:
- 280 to 600 kPa (41 to 87 psi), 120 L / min
- Low pressure:
  - oxygen ≤5 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

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