



VITALIX

Saving lives

Crius V6

CU Ventilator

 **Balam** | **LUXO**
Soluciones de Seguridad M E D I C A

CE 



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

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:
2 batteries(5200mAh each)/ 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




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A hand is shown holding a rolled-up white document. The background is a soft, light blue gradient. Overlaid on the scene is a white, semi-transparent network of interconnected nodes and lines, resembling a molecular or data network structure. The nodes are small circles, and the lines are thin and connect the nodes in a complex, web-like pattern. The overall aesthetic is clean, professional, and modern, suggesting a focus on technology, medicine, or data science.

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