

INTENSIVE CARE VENTILATOR

PCB-ICV1000

12.1" touch screen · 9 ventilation modes · Li-ion battery backup



Full-featured ICU ventilator with **nine ventilation modes, six waveform displays** and built-in **Li-ion battery** for 3+ hours of operation. Designed for adult and pediatric patients in critical care.

ICU / Critical Care

Adult & Pediatric

Battery Backup

Touch Screen

PCB Medical · Kentucky (USA)

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PCB Medical · China

2103 Citic Tower
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9 modes

VENTILATION

12.1"

TOUCH SCREEN

3+ hrs

BATTERY BACKUP

120 L/min

MAX FLOW

The PCB-ICV1000 is a full-featured ICU ventilator built for critical care environments. Comprehensive ventilation modes for both invasive and non-invasive support, six real-time waveform displays for clinical decision-making, and a Li-ion battery that keeps the unit running through power interruptions or patient transport.

— Touch screen control



12.1" TFT DISPLAY

High-visibility clinical interface

- Real-time waveforms: P-T, F-T, V-T
- Loop displays: PV, PF, FV
- On-screen parameter alarms with audible alerts
- Easy mode switching via touch

— Key features

9 ventilation modes

VCV, PCV, SIMV, CAPA/PSV, APRV, BIPAP, PRVC, NIV, apnea backup.

Li-ion battery

Built-in battery for 3+ hours of operation. Continuous ventilation during transport or power outages.

Wide patient range

Tidal volume 50–1,500 ml (optional 20 ml). Adult and pediatric ventilation.

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— Specifications

Model	ICV1000	Display	12.1" TFT touch screen
Ventilation modes	VCV, PCV, SIMV-VCV, SIMV-PCV, CAPA/PSV, APRV, BIPAP, PRVC, NIV	Waveforms	P-T, F-T, V-T + PV, PF, FV loops
PEEP	Inner electric PEEP	Tidal volume	50–1,500 ml (opt. 20 ml)
Inspiration pressure	5–80 cmH₂O	Pressure support	0–80 cmH₂O
Respiratory rate	1–120 bpm	Inspiratory time	0.1–12.0 s
Drive gas	O₂ + air, 280–600 kPa	Max flow	120 L/min
Battery	Li-ion, >3 hours	Power	100–240 V AC, 50/60 Hz

Manufactured under International Quality Standards. Designed and manufactured following international standards for medical device quality management. Every PCB-ICV1000 unit is tested before shipment.

CE

ISO 9001

ISO 13485

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