



Boaray 5000D Ventilator



- 20-2000ml (VCV); Applicable to adult, pediatric and infant
- Various ventilation modes for different needs of all patients
- 15 inch TFT touch screen & big font view for easy observation
- Touch screen & Navigation knob for simple operation
- Simultaneous display of 4 waveforms and 2 loops
- Optional CO₂ monitoring helps verify correct intubation and stability of metabolism
- Optional SpO₂ monitoring avoids deficiency of oxygen
- Synchronized nebulizer (optional)
- Low noise and water-free medical air compressor (optional)
- Expiratory valve could be taken off for autoclavable disinfection to avoid cross-infection
- Active exhalation valve with anti condensation design
- World leading brands of key components of ventilator ensure high accuracy and stable performance
- Advanced proportional solenoid technology realize accurate ventilation control
- Multi-safety mechanism and three-priority alarm of visual and audio for different risks

Specification	Boaray5000D
Patient type:	Adult, Pediatric and infant ($\geq 5\text{kg}$)
Ventilation modes:	VCV, PCV, SIMV(V)+PS, SIMV(P)+PS, SPONT/CPAP, Sigh PRVC, DualPAP, NPPV, Manual, Standby,
Tidal Volume:	20-2000 mL
Ventilation frequency:	1-100 bpm
Inspiration time:	0.1-10S (increment:0.1S)
FiO ₂ :	21%-100%
Flow trigger:	0.5-20L/Min
Pressure trigger:	-20-0cmH ₂ O
Pressure control:	5-70 cm H ₂ O
Pressure support:	0-70 cm H ₂ O
Electronic PEEP:	0-50 cm H ₂ O (increment: 1 cm H ₂ O)
Nebulizer:	30 minutes
Direct access function:	100% O ₂ 2 min, Inspiration hold, Expiration hold, Manual, Freeze, Lock
Monitoring:	Volume:V _{TI} , V _{TE} , MV, MVspont. Pressure:Ppeak, Pmean, Pplat, Pmin, PEEP,Freq Fspont, I:E, FiO ₂ , Compliance, Resistance, RSB, P0.1, NIF, Auto PEEP, Rcexp,Cdyn Co ₂ module (optional): EtCO ₂ SpO ₂ module (optional): SpO ₂ , PR
Waveform:	P-T, F-T, V-T, Optional: SpO ₂ -T, EtCO ₂ -T
Loop:	P-V, F-V, F-P, Optional: Volume-EtCO ₂
Trend:	Peak, FiO ₂ , PEEP, MV, V _{TE} , V _{TI}
System Log:	500 events (setting and alarm)
Alarm:	Audio and visual alarms with three levels Volumes: V _{TE} high/low, MV high/low; Pressure: Paw high/low O ₂ supply pressure high/low, Air supply pressure high/low Apnea, Continuous high airway pressure Freq high/low, FiO ₂ high/low SpO ₂ low (optional), EtCO ₂ high/low (optional) Power: AC power failure, Low battery power, Exhausted battery failure

Physical Specification	
Dimensions (H×W×D):	Host:645*735*610(mm) Trolley:225*805*555(mm)
Communication Interface:	RS232
Screen:	15 inch TFT touch screen
Net weight:	Host:45kg,Trolley:22.5kg
Power:	100-240VAC, 50/60Hz, 1A(Max)
Lithium Battery:	Minimum 120 minutes