



Boaray 600 Anesthesia Workstation

Key Features

- 10 - 1500 ml (VCV); Applicable to adult, pediatric, infant
- Various modes for more clinical needs with excellent performance
- Anesthesia agent, CO₂, and SpO₂ monitoring modules (optional)
- 15 - inch TFT touch screen & big font view for easy observation
- The touch screen and sensitive shuttle for different operation preference
- Simultaneous display of 4 waveforms and 2 loops
- 6 tubes of flowmeter for O₂, N₂O, Air
- Automatic integral heater effectively reduces condensation in circuit
- Bypass function to ensure ventilation safety
- Electronic PEEP
- Advanced proportional solenoid technology to realize accurate ventilation control
- Active AGSS system deals with exhaust gas and reduces pollution, providing more safety protection (optional)



Technical Specifications

Ventilation modes	VCV, PCV, SIMV (V) + PS, SIMV (P) + PS, Sigh, SPONT/CPAP, PRVC (optional), Cardio Pulmonary Bypass, Standby, Manual
Tidal volume	20 - 1500 mL
Ventilation frequency	1 - 100 bpm
I:E	4 :1 - 1:10
Ti	0.1 - 10 s
Inspiratory pause (Tp)	OFF, 5% - 50%
Flow trigger	1 - 15 L/min
Pressure control	5 - 70 cmH ₂ O
Pressure support	5 - 60 cmH ₂ O
Pressure limited	PEEP + 5 — PEEP + 70 cmH ₂ O
Electronic PEEP	OFF, 4 - 30 cmH ₂ O
Monitoring	Volume: V _{TI} , V _{TE} , MV, MVspont Pressure: P _{peak} , PEEP, P _{plat} , P _{mean} , P _{min} Freq, F _{spont} , I:E, Compliance, Resistance, FiO ₂ SpO ₂ Module (optional): SpO ₂ , PR CO ₂ Module (optional): EtCO ₂ , FiCO ₂
Waveform	P - T, F - T, V - T, Optional: SpO ₂ - T, CO ₂ - T, FiO ₂ - T, Anesthetic agent - T
Loop	P - V, F - V, F - P, Optional: Volume - CO ₂
Alarms	Audio and visual alarms with three levels Volume: MV high/low, V _{TE} high/low Pressure: Paw high/low, Negative pressure, Apnea Continuous high airway pressure, Low O ₂ supply pressure Freq high/low, FiO ₂ high/low, EtCO ₂ high/low (optional), SpO ₂ low (optional) Power: AC power failure, Low battery power, Exhausted battery failure
Agent type	Halothane, Enflurane, Isoflurane, Sevoflurane
Flowmeter	O ₂ / N ₂ O / Air: 0 - 1 L, 1 - 10 L/min
Gas system	O ₂ deficiency alarm, Hypoxic guard system, O ₂ flush: 25 - 75 L/min
Working mode	Closed, Semi - closed, Semi - open, Open
Driven mode	Pneumatically driven and electronically controlled
Dimensions (W x H x D)	1000 x 1150 x 870 mm
Screen	15 - inch TFT touch screen
Net weight	108 kg
Power	100 - 240 VAC, 50/60 Hz, 6.5 A (Max.)
Lithium battery	At least 60 minutes

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