Boaray700
Anesthesia Workstation

- 20-1500ml (VCV); Applicable to adult, pediatric, infant
- Various modes for different needs of all patients
- Plug-in Anesthesia Agent, CO_2, and SpO_2 monitoring modules (optional)
- 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
- Electronic flowmeters for O_2, N_2O, Air. High accuracy and easy reading
- Highly integrated absorber, autoclavable in 134℃ to avoid cross-infection (optional)
- The absorber could be automatically heated, to avoid condensation water
- Electronic PEEP
- Advanced proportional solenoid technology to realize accurate ventilation control
- Active AGSS system deal with exhaust gas and reduce pollution, providing more safety protection (optional)

CE 0123   TUV

Specification	Boaray700
Ventilation modes:	VCV,PCV,SIMV(V)+PS,SIMV(P)+PS,Sigh,Spont/CPAP,PRVC, Cardio Pulmonary Bypass,Standby,Manual
Tidal Volume:	20-1500 mL
Ventilation frequency:	1-100 bpm
I:E:	4:1-1:10 (increment:0.5)
Ti:	0.1-10S (increment:0.1S)
Inspiratory pause (Tp):	OFF, 5%-50%
Flow Trigger:	1-15L/Min
Pressure control:	5-70 cm H_2O
Pressure support:	5-60 cm H_2O
Pressure limited:	PEEP+5-PEEP+70 cm H_2O
Electronic PEEP:	OFF, 4-30 cm H_2O
Monitoring:	Volume: V_{TI}, V_{TE}, MV, MVspont
	Pressure: Ppeak, PEEP, Pplat, Pmean, Pmin
	Freq, Fspont, I:E, Compliance, Resistance, FiO_2
	SpO_2 Module (optional): SpO_2, PR (Plug-in)
	CO_2 Module (optional): $EtCO_2$, $FiCO_2$ (Plug-in, Mainstream and Sidestream)
	Anesthetic Agent Module (optional): Anesthetic agent, N_2O, CO_2, MAC_{Age} and Agent Consumption (Plug-in, Mainstream and Sidestream)
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
Trend:	Ppeak, FiO_2, MV, PEEP, V_{TE}
Alarm:	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

Vaporizer

2 stations with interlock (Selectatec compatible)	
Agent type:	Halothane, Enflurane, Isoflurane, Sevoflurane
Filler type:	Pour fill, Quik fil® (only Sevoflurane)

Pneumatic Specification

Gas supply:	O_2, N_2O, Air: 0.28-0.6 Mpa
Electronic Flowmeter:	O_2/N_2O/Air: 0-10L/Min
Gas system:	O_2 deficiency alarm, Hypoxic guard system, O_2 flush: 35-75L/Min
Working mode:	Closed, Semi-closed, Semi-open, Open
Driven mode:	Pneumatically driven and electronically controlled
Operating mode:	Manual/Vent; APL: 2-70 cmH2O
ACGO Connector:	22mm

Physical Specification

Dimensions (H×W×D):	1550*1000*870(mm)
Communication Interface:	VGA, RS232
Screen:	15 inch TFT touch screen
Net weight:	108 kg
Power:	100-240VAC, 50/60Hz, 6.5A(Max)
Lithium Battery:	Minimum 120 minutes