



Boaray700D Anesthesia Machine



- 20-1500ml (VCV); Applicable to adult, pediatric, infant
- Various modes for different needs of all patients
- Anesthesia Agent, CO₂ and SpO₂ monitoring modules (optional)
- 10.1 inch TFT screen & big font view for easy observation
- Touch screen (optional)
- Electronic flowmeters for O₂, N₂O, Air. High accuracy and easy reading
- Highly integrated absorber, autoclavable in 134°C to avoid cross-infection (optional)
- The absorber could be automatically heated, to avoid water condensation (optional)
- Electronic PEEP
- Advanced proportional solenoid technology to realize accurate ventilation control
- Auxiliary oxygen flowmeter (optional)
- Active AGSS system deal with exhaust gas and reduce pollution, providing more safety protection (optional)
- Sliding writing table
- Compact design, cute and space saving

| Specification | Boaray700D |
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| Ventilation modes: | VCV, PCV, SIMV(V)+PS, SIMV(P)+PS, SPONT(optional), Manual, Standby |
| Tidal Volume: | 20-1500 mL |
| Ventilation frequency: | 4-60 bpm |
| I:E: | 3:1-1:6 (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 ₂ O |
| Pressure support: | 5-60 cm H ₂ O |
| Pressure limited: | PEEP+5 - PEEP+70 cm H ₂ O |
| Electronic PEEP: | OFF, 4-30 cm H ₂ O |
| 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 CO ₂ Module (optional): EtCO ₂ , FiCO ₂ Anesthetic Agent Module (optional): Anesthetic agent, N ₂ O, CO ₂ and MAC _{Age} |
| Waveform: | P-T, F-T, V-T |
| Loop: | P-V, F-V, F-P, optional: Volume-EtCO 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, Low O ₂ supply pressure Apnea, Continuous high airway 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 ₂ O, Air: 0.28-0.6 Mpa |
| Electronic Flowmeter: | O ₂ /N ₂ O/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 |
| Physical Specification | |
| Dimensions (H×W×D): | 1510*1000*700(mm) |
| Communication Interface: | RS232 |
| Screen: | 10.1 inch TFT screen |
| Net weight: | 85 kg |
| Power: | 100-240VAC, 50/60Hz, 6.5A(Max) |
| Lithium Battery: | Minimum 120 minutes |

Shenzhen PRUNUS Medical Co., Ltd.

9th Floor, Prunus Building, Block C, Funing High-Tech Industrial Zone,
No.71 Xintian Road, Baoan District, Shenzhen, Guangdong,
P.R.China

Tel: +86 755 2689 9781

Fax: +86 755 2689 9789

E-mail: international@prunusmedical.com

Web: www.prunusmedical.com