

prunus

SHENZHEN PRUNUS MEDICAL CO., LTD

Add: 6th Floor and Zone A of 9th Floor, Block C, No 71-3 Xintian Road, Fuyong Street, Bao'an District, 518103, Shenzhen, Guangdong, PEOPLE'S REPUBLIC OF CHINA

Tel: 0086 755 26899781/82 Fax:0086 755 26899789 Mail:international@probemmedical.com Zip code: 518103

Adult, pediatric pulmonary ventilator 2 units	2 Units
Parameter Specification	Prunus Boaray 5000D
Mobile type, on wheeled support	Yes
Adult patient type, pediatric	Yes
Control range / settings	
Tital volume (inspiratory) ≥ 20 -2000 ml	20 ~ 3000 mL
Peak flow 6-180 L / min	180L/min
Inspiratory pressure, Inspiratory pressure (Pinsp) 3-95 cmH2O	1 ~ 100 cmH2O
Respiratory rate, Ventilation frequency (RR), for Adult and Pediatric patient 1-100 rpm	0 ~ 100 bpm
Inspiration time, Inspiration time (Ti) 0.2 - 7s	0.1 ~ 10.0 s
Time expires	Yes
Ratio I: E 1: 9 to 4: 1	4:1 ~ 1:10
Pause to inspire	Yes
Pause at expiration	Yes
FiO2, 21-100%	Yes
Manual breathing button	Yes
PEEP / CPAP 0-50 cmH2O	0 ~ 50 cmH2O
Pressure support, Pressure assist (Psupp) 0-100 cmH2O	0 ~ 100 cmH2O
nebulizer	Yes
Trigger mechanism Pressure -0.5-15 cmH2O	Pressure Trigger Range: -20~-1 cmH2O
Flow 0.5-20 L / min	Flow Trigger Range: 0.5~20 L/min
The button is 100% O2	Yes
Control panel lock	Yes
Operating modes : A / C mode V-A / C Respiratory volume P-A / C respiratory pressure SIMV module V-SIMV respiratory volume P-SIMV respiratory pressure CPAP module CPAP / PEEP CPAP / PEEP mask Apnea-backup mode Intelligent or combined breath control modes : Non-invasive ventilation (NIV) via the mask Bilevel mode APRV	Invasive modes: VCV PCV PRVC SIMV+VCV SIMV+PCV SIMV+PRVC CPAP PSV DualPAP APRV Non-invasive modes: PCV SIMV-PCV NPPV APRV CPAP PSV HFNC
Parameters monitored / displayed:	
Cstat (static compliance), Static compliance	Yes
Cdyn (dynamic compliance), Dynamic compliance	0 ~ 300 mL/cmH2O
Respiratory resistance	0 ~ 600 cmH2O/(L/s)
PEEP pressure	0 ~ 120 cmH2O
The total volume	0 ~ 100 L

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FiO2	15 ~100%
Respiratory rate	0~100 bpm,
Time inspires	0 ~ 60s
Time expires	Expiratory time constant 0~10 s,
Rate I: E	100:1~1:150
The minute volume spontaneous	0 ~ 100 L
FiO2 patient alarms large / small	Yes
High / low minute volume	Yes
High / low inspiration	Yes
PEEP big	Yes
apnea	10 ~ 60 s
High continuous pressure / occlusion	Yes
Gas leak alarm in the circuit (gas leak alarm)	Yes
Disconnected respiratory circuit	Yes
Equipment alarms No gas supply	Yes
No power supply	Yes
Discharged battery	Yes
System error	Yes
self-diagnostic	Yes
TFT LCD display	Yes
touchscreen	Yes
Size ≥ 15 inches	15" TFT display
Brightness adjustment	Yes
Other requirements	
Removable one-way valves	Yes
O2 sensor	Yes
Air source Integrated in the device, turbine type	Compressor
O2 source Possibility to connect to the centralized O2 source	Yes
Permissible working pressure 2.8 - 6.0 bar	Yes
Power supply 220 V mains, 50 Hz	AC 220~240 V, 50/60 Hz, 3A
Internal rechargeable battery	Yes
Battery operation time ≥ 1.5 h	120 min
Accessory	
Reusable adult / pediatric respiratory circuits type 2 set.	Yes
Reusable adult respirator 1 set.	+
Humidifier Indicate the model	Humidifier SH330
Humidifier with maintaining temperatures and humidifying the air in automatic mode, Compatible with the ventilator	Yes
At least two modes of operation: invasive and non-invasive	Yes
Reusable adult / pediatric humidification chamber 2 pcs.	Yes
Adult / pediatric disposable antibacterial filters 50 pcs.	Yes
Reusable adult flow sensor 2 pcs.	Flow sensor assembly
Reusable adult test lung 1 pc.	Yes

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Wheel support Indicate the model offered model	Yes
Min. 4 wheels	Yes
Min. 2 wheels with brake	Yes
Articulated arm for fixing breathing hoses	Yes
Bracket for fixing / attaching electrical cables, air hose, oxygen for transport, storage	Trolley
Handle for transport	Yes

