PIOWAY

CE 0123 ISO 9001/13485

Features

- 12.1 inch touch screen with desirable color schemes
- The simplest interface boots a precise control and convenient operation
- Applied for adult,pediatric
- Multi-mode ventilation function (VCV, SIMV, SIMV/PSV,PSV, PCV, APNEA,CPAP, BIPAP,Manual, SIGH)
- Applied with Invasive ventilation and Non-invasive ventilation
- Advanced air compressor for air input
- Self testing and calibration function
- Design of intelligent flashing alarm indicator(Priority alarm, secondary alarm)
- Auto-wash for exhaust valve
- Assistant Nebulization treatment Auxilary suction function

Technique Specifications	
Physical Specifications	
Dimensions:	45*55*140cm
Weight:	65kg
Casters:	Front wheels with lock
Screen:	12.1 inch touch screen
Display	Colour LCD
Display graphics	Waveforms of P-T, F-T, V-T
Loops	P-V, F-V, F-P
Pipeline Supply	
Gas configuration	O_2, Air
Pipeline input range	280-600kPa
Air Compressor Specifications	
Power	AC 220V±10%, 50Hz±2%
Output pressure	0.4±0.1MPa
Noise	≦50dB
Battery Power	
Battery Type	Lead-acid 12V, 4Ah
Run-time	Typical 180 mins+
Ventilator Specifications	
Modes of Ventilation	
VCV	Volume control ventilation
APNEA	APNEA
SIMV	Synchronized Intermittent Mandatory Ventilation
SIMV/PSV	SIMV/Pressure support
MANUAL	Manual
CPAP	Continuous Positive Airway Pressure
PSV	Pressure Support Ventilation
PCV	Pressure Control Ventilation
NIV	Non-invasive ventilation

BIPAP	BIPAP
SIGH	SIGH
ARPV	(optional)
Ventilator Parameter	
Tidal Volume range	20-2000ml
Pressure range	5-80 cmH2O
Rispriation Rate Range	1-100bpm (1-40bpm under SIMV)
I:E Range	4:1-1:8
Oxygen concentration	21%-100%
Ptrigger Range	-20-0cmH2O
Apnea Ti Range	0-6s
PEEP	
Type	Integrated, Electronic control
Range	0-40cmH2O
Alarm Limits	
Visual	No tidal volume, MV,Paw, FiO2 limitationO2, Air failure, AC power failure, backup low
Audio	No tidal volume, MV,Paw, FiO2 limitation
Pre-setting Functions	
Language	English
Calibration	AUTOMATIC
Optional	
Auxiliary Suction function	
O2 remedy	
Communication port	RS-232,VGA,Ethernet, USB (Optional)
Environmental Conditions	
Operating Temp	5 ℃ ~ 40 ℃
Storage Temp	−10 ℃~+40 ℃
Humidity	≤80 %
Atmosphere pressure	960 hPa~1040 hPa

Safe

Accurate

Reliable