



## CWH-3010A ICU Ventilator

### Extraordinary performance points

- Removable 15 inch large touch screen, hang-up type that allows the operator to hang the screen pad wherever requires
- Easy to operate
- Thinner screen pad with easy handle
- Day and night mode change
- Support adult and pediatric ventilation
- Professional separate non-invasive module, support leakage compensation
- Automatic alarm setting adjusting
- Assistant Nebulization treatment/O<sub>2</sub> therapy
- Multi-mode ventilation function (IPPV, SIMV, PSV, PCV, CPAP, A/C, BIPAP, APRV, SIPPV, SIGH)
- Intelligence operating system
- Air compressor support (optional)
- Self testing and calibration with faulty code display



Technique Specifications	
Physical specifications	
Dimensions:	45*55*140cm
Weight:	65kg
Casters:	Central brake with lock
Screen:	Removable, hang-up type
Display	Colour LCD, 15 inch with day/night mode
Display graphics	Waveforms of P-T, F-T, V-T
Loops	P-V, F-V
Screen control	Touch screen
Air compressor specifications	
Power	AC 220V±10%, 50Hz±2%
Output pressure	0.4±0.1MPa
Noise	≅50dB
Ventilator Specifications	
Modes of ventilation	
IPPV	Intermittent Positive Pressure Ventilation
SIGH	SIGH
SIPPV(A/C)	Assistance Control
SIMV	Synchronized Intermittent Mandatory Ventilation
MANUAL	Manual
CPAP	Continuous Positive Airway Pressure
SIMV+PSV	SIMV+Pressure Support Ventilation
PCV	Pressure Control Ventilation
ARPV	Airway Pressure Release Ventilation
BIPAP	Bi-Level Positive Airway Pressure
Ventilator parameter	
Tidal Volume range	10-2000ml
Pressure range	5-80 mbar
Rispiration Rate Range	1-99bpm (1-40bpm under SIMV)
I:E Range	4:1-1:8
Oxygen concentration	21%-100%

Prigger Range	-20-20cmH <sub>2</sub> O
Apnea Ti Range	0-6s
PEEP	
Type	Integrated, Electronic control
Range	0-30cmH <sub>2</sub> O
Alarm Limits	
Visual	No tidal volume, MV,Paw, FIO <sub>2</sub> limitation O <sub>2</sub> , Air failure, AC power failure, backup low
Audio	No tidal volume, MV,Paw, FIO <sub>2</sub> limitation
Pipeline supply	
Gas configuration	O <sub>2</sub> , Air
Pipeline input range	280-600kPa
Battery Power	
Battery Type	Lead-acid 12V, 4Ah
Run-time	Typical 30 mins+
Pre-setting functions	
Language	CHINESE/ENGLISH
Calibration	Touch pad/Flow rate/pressue/FiO <sub>2</sub>
General settings	Password/time/day&night mode Brightness setting Record history
Applications	
Patient therapy type	Audit/Peadiatric Invasive Audit/Peadiatric Non-Invasive
Assistant therapy	Nebulization treatment/O <sub>2</sub> therapy
Interface specifications	
Communication port	RS-232
Environmental Conditions	
Operating Temp	5 °C ~ 40 °C
Storage Temp	-10 °C ~ +40 °C
Humidity	≅80 %
Atmosphere pressure	960 hPa~1040 hPa



Authorised Representative

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Note: specification subject to change without prior notice