



DIXION Respiratory Ventilator Aeros 4500

This pneumatically driven and electronically controlled critical care ventilator is suitable for infants, children and adults. It has comprehensive functionality, a user-friendly design and offers a wide range of reliable treatment options to a clinician. Touch screen and navigator wheel enable easy interface use.

Features :

- 15" TFT LCD color screen
- Resuscitation and Intensive Care Department
- Features Values
- Easy positioning ergonomic trolley
- Synchronized nebulizer
- Inspiratory and expiratory hold, manual inspiration
- Built-in battery of one hour operation time or extended batteries of two hour operation time
- Easily removable and sterilizable exhalation valve module

Specification :

Features	Description
Ventilation mode	VCV, PCV, PRVC, SIMV, SPONT CPAP, BIVENT, NIV/CPAP, NIV/PCV
Tidal volume / IBW	$\pm 20 - 2500 \text{ ml} / 2.5 - 150 \text{ kg}$
Respiratory rate	$\pm 1 - 120 \text{ bpm}$
Inspiration time	$\pm 0.2 - 9 \text{ s}$
Inspiratory pause time	$\pm 0 - 4 \text{ s}$
T_{slope}	$\pm 0 - 2 \text{ s}$
FiO_2	$\pm 21 - 100 \%$
PEEP	$\pm 0 - 50 \text{ cmH}_2\text{O}$
CPAP	$\pm 2 - 20 \text{ cmH}_2\text{O}$
P_{support}	$\pm 0 - 90 \text{ cmH}_2\text{O}$
P_{insp}	$\pm 5 - 90 \text{ cmH}_2\text{O}$
Esens	$\pm 5 - 80 \%$
Flow patterns	Square, decelerating
Inspiratory hold	
Expiratory hold	
Nebulizer	$\pm 30 \text{ or } 45 \text{ minutes}$
Auto tube compensation	
Compliance compensation	
Graphical trends	
Nurse call	
Monitoring	
Pressure values	$P_{\text{min}}, P_{\text{plat}}, P_{\text{mean}}, P_{\text{peak}}, \text{PEEP}$
Volume/Flow values	$\text{VT}_I, \text{VT}_E, \text{MV}, \text{MV}_{\text{spont}}, \text{Leak}\%$
Loops	Flow-Pressure, Pressure-Volume, Flow-Volume
FiO_2	
EtCO_2 (optional)	
Built in Compressor (optional)	

Alarm

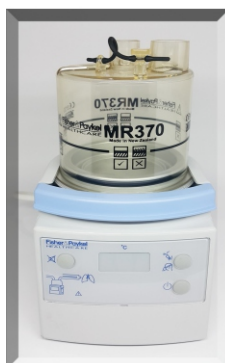
MV high, MV low, Circuit disconnect, P_{aw} high, P_{aw} low, Continuous Airway Pressure high, VTI high, f_{spont} high, T_{apnea} , FiO_2 high, FiO_2 low, EtCO_2 high, EtCO_2 low, Power supply failure, Battery low, Battery exhausted, Air supply failure, O_2 supply failure, PEEP low etc

\pm = Tolerance Measurement 10%

Accessories :

- Humidifier (Digital / Analog)
- Adult Breathing Circuit
- Neonatal Breathing Circuit
- Balon Testlung
- Inlet Pipe Air
- Inlet Pipe O_2

Humidifier



Standard Accessories



Inlet Pipe

