

# Neocare Ventilator with Humidifier

MEDISYS®



## FEATURES

- Micro controller based
- Continuous flow with time cycling mechanism
- Both pressure and volume limiting
- Pressure and Flow triggering
- Apnea back up ventilation
- Servo controlled oxygen blender
- Emergency 100%
- Patient data and Alarm log
- Simultaneous display of pressure and flow curve
- Calibrated pressure bar graph
- Automatic switch over to available gas input
- Automatic calibration of oxygen sensor

## SPECIFICATIONS:

Recommend Application	Neonatal, Infant, and Pediatric patients
Flow	2-25 Litre Per Minute
Tidal Volume	6 to 300 ml
Modes of Operation	AC, SIMV/IMV, PEEP, CPAP with backup Ventilation and Standby
Inspiratory Time	0.2 to 0.3 seconds
I:E Ratio	1:1 To 1:10 (AC), 1:1 To 1:60 (SIMV), Inverse 1:1 to 4:1
Frequency	1 to 150 breaths per minute
Triggering	1 to 150 breaths per minute
Expiratory Pressure	Flow Triggering (0-10 ipm)
Inspiratory Pressure Limit	0 to 20 cmH2O
Manual Breath	5 to 50 cmH2O
Alarms	High/Low Inspiratory Pressure, Loss of inlet gas, Apnea, Electrical Power Failure and Pressure
Alarm Mute	30 seconds
Safety Pressure Relief	15 to 50 cmH2O
Display	12.1 inches graphical LCD
Indicators	Set Parameters: Frequency, Apnea Rate, Insp. Time, Sensitivity, and FiO2 Measured Parameters: Frequency, Peak Insp. Pressure, MAP, Expired Tidal Volume, Spontaneous Expired Volume, Minute Volume, FiO2
Calculated Parameter	I:E Ratio
Ventilation Curves	Pressure-Time and Flow-Time
Dimensions (Ventilator Module)	28cm(W) x 32cm(D) x 32cm(H)
Weights	8.2 Kgs
Power Requirements	220 To 240 VAC, 50 Hz
Batter Backup	4 Hours
Accessories	Standard: Proximal Flow Sensor, Breathing Circuit, Heated Humidifier, Oxygen Sensor, Mobile Stand Optional: Air Compressor with Mobile Stand

Available at:

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