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Meditec 1400

ICU Ventilator



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Technical Specifications

Display	High-Luminance 7 inches TFT, Coloured screen		
Drive Mechanism	Pneumatically driven electronically controlled combines sophistication and ease of use		
Patient Type	Suitable for both adult and pediatric patient		
Applications	Invasive and Non-Invasive		
Monitoring of Parameters	Tidal Volume, Peak pressure, Plateau Pressure, Dynamic Compliance, FiO ₂ Value, I:E Ratio, PEEP, Breathing Frequency, Minute Volume		
Lung Mechanics	P-V, P-F Loops and Pressure, Volume and Flow Graphs		
Settable Parameters	Tidal Volume, Inspiratory Pressure, PEEP, I:E Ratio, Pressure Support, Breathing Frequency, Plimit, SIGH, Inspiratory Time, Insp. Hold, Pressure & Flow Triggers, T-Apnea, CPAP Levels		
Alarms	Peak Airway Pressure (High & Low), Minute Volume (High & Low), FiO ₂ (High & Low), Low Gas Supply, Battery Low, Apnea, Power Failure		
Ventilation Modes	VACV, PACV, P-SIMV+PSV, V-SIMV+PSV, SPONT/CPAP+PSV, PSV, Apnea Back-up Ventilation		
Apnea Time	1–59 sec		
Tidal Volume Range	20–1600 ml		
Breathing Frequency	1–100bpm, SIMV : 1–40bpm		
Peak Pressure	5–60cmH ₂ O		
I:E Ratio	4:1–1:8		
FiO ₂	21–100%		
PEEP	Off–30cmH ₂ O		
O ₂ Supply	4–7 bar		
Power Mains	220-240v AC Supply		
Battery	2 Hours of continuous operation		
Weight (Main Unit)	14 Kg. Approx.		
Dimension (Main Unit)	H376mm x W440mm x D372mm		
Weight (Compressor)	51 Kg. Approx.		
Dimension (Compressor)	H575mm x W480mm x D560mm		
Standard Accessories	Patient breathing circuit with expiratory valve	1 No.	
	Face Mask	1 No.	
	Power Cable	1 No.	
	High Pressure Air and Oxygen Tubing	1 Each	
	Flow Sensor with Tubing Connection	1 No.	
	User Manual	1 No.	
Optionals	<ul style="list-style-type: none"> - Medical Air Compressor - Touch Screen - Regulator for O₂ Cylinder - Humidifier 		



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