



We Serve, You Cure

**AMS** Solutions Inc.



Plot No .1388, LIG I, 10th Street,  
TNHB Colony, Velachery,  
Chennai - 600042

Tel.fax : 044 - 22450321  
Ph. No : +91 - 9566145898



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# Solutions Inc.

## Your Respiratory Partner

### OHMEDA® 3700



- Utilizes the technique of spectrophotometric analysis to determine the percent oxygenation saturation of the hemoglobin in the arterial blood.
- Compact and fully portable.
- Offers versatile features that make the system easy to use and effective over the patient population – neonate to adult- without the time, cost and risk normally associated with arterial blood analysis.

### SPECIFICATION

#### Operational

Saturation range:	0-100%
Saturation accuracy:	1 standard deviation
	90-100% 1.5% 183 data points
	80-90% 2.1% 197 data points
	Overall range
	60-100% 2.4% 616 data points
	Bellow 60% unspecified
Pulse rate range:	40-235 bpm
Pulse rate accuracy:	+/- 1.7% of current reading
Alarm limit range:	low SaO2 50-100% high SaO2 70-100%
	Low pulse 40-200 bpm high pulse 70-250 bpm
Trend memory:	8 hours automatic storage SaO2, pulse rate. Data memory retained through power down
Diagnostics:	automatic self-test on start-up, extensive service diagnostics
Physical	
Dimensions:	4 x 10 x 11.3 inches 10.16 x 25.4 x 28.7 cm
Weight:	8.5 lbs' 3.86 kg

#### Electrical

Battery:	internal 8V, 2.5 amepre-hours sealed lead-acid Charge to 80% in 4 hours, 100% in 16 hours
	Operations on all functions from a fully charged battery = 1.5 hours
Low battery message:	display bellow 5% capacity
Current:	maximum 250 milliamps
Frequency:	50/60 Hz
Power consumption:	typical 25 watts

Tel.No : +91-44-22450321 Ph. No : +91 - 9566145898  
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