



# Experience the Optimal View



## MULTI PARAMETER MONITOR MAGNA

*Happier Living Everyday*



### Display

7" Colour TFT LCD Screen with LED backlight



### Standard Parameters

Monitors and records ECG, SpO<sub>2</sub> and NiBP



### Arrhythmia Indication

Detects and indicates occurrence of arrhythmia



### Stores Data on Trends

The device monitors and stores data on 24 hrs of graphical and tabular NiBP trend with alarm condition



### Zoom Option

Zoom option in graphical trend facilitates more accurate analysis



### User Preference

The device offers user-selectable colour scheme



### Visual Alarm Indicators

Separate visual alarm indicators for ECG, SpO<sub>2</sub> & NiBP



### Alarms

Audible tone to alert variations in ECG, SpO<sub>2</sub> and NiBP



### Rechargeable Battery

The device comes with built-in rechargeable battery



### Medius+ CNS Connectivity (Optional)

The device can be connected to Central Nursing Station through ethernet interface



**Helps to detect and indicate occurrence of arrhythmia along with separate visual alarm indicators for ECG, SpO<sub>2</sub> & NiBP**

## Product Specifications

General	
Display	7 inch TFT LCD with LED Backlight
Resolution	800 x 480 pixels
Writing speed	25mm/sec
Alarms	Visual (Bell) & Audio
Freeze	On demand
Keyboard	Flat
CNS Back panel connector (Optional)	10 Pin FRC Connector
Dimensions	235 X 174 X 140 mm
Weight	2.5Kgs (Approx)
Power supply	
AC-DC adapter	15V DC/1.5 A (BPL Supplied)
AC mains variation	100 – 264 V AC
Power consumption	< 22VA
Battery	Rechargeable NiMH 9.6V/1800mAh
Battery Backup Duration	120 minutes continuous with a fully charged battery
SpO <sub>2</sub>	
Patient Safety	Class 1 BF type applied part
Amplifier	Fully Isolated
SpO <sub>2</sub> Range	0 – 100%
Accuracy	±2 (70% – 100%) Unspecified (0% – 69%)
Resolution	1%
Pulse Rate range	25-250 BPM
Pulse Rate Accuracy	±2BPM or whichever is higher
ECG	
Leads	User selectable I, II, III
Heart Rate Range	30 – 250 BPM

Heart Rate Accuracy	±2 bpm or ±2%, whichever is higher
CMRR	> 90dB @ 50Hz
ECG Display	6 seconds real time ECG on channel1

NiBP SUNTECH	
Method	Automatic Oscillometric
Operating Modes	Manual, Automatic & Turbo
Cycle Times in Auto mode	1, 2, 3, 4, 5, 10, 15, 30, 60, 90 minutes
Blood Pressure Measure Range	<b>Systolic:</b> 40 ~ 260 for Adult 40 ~ 230 for Child 40 ~ 130 for Neonate. <b>Diastolic:</b> 20 ~ 200 for Adult 20 ~ 160 for Child 20 ~ 100 for Neonate.

Environmental		
Temperature	Operating	10 to 40°C
	Transport and Storage	-20 to 60°C
Relative Humidity	Operating	<85 % non condensing
	Transport and Storage	10 to 90 % non condensing

Standard Accessories	
ECG Patient Cable with Clip	1 No
Disposable Electrodes	30 Nos
AC-DC Adaptor	1 No
Accessory Bag	1 No
Reusable NiBP Cuff (Adult, Paediatric, Infant)	1 No each
SpO <sub>2</sub> Cable with Finger Probes	1 No
User Manual	1 No

## CERTIFIED ISO 13485 : 2016 COMPANY

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