



We Truly **MAKE IN INDIA**
All Modules indigenous.

Clarity

Clarity of thought..... spearheading diagnostic technology

Transport & Ambulance Patient Monitor



Radiant+
Patient Monitor
7" Color TFT

CE 0123

Perfect for bedside and transit monitoring...

- Color TFT display 7 inches
- Both visual and audible alarms supervision for all vital signs.
- Easy to learn and use with single knob to browse through all menus
- Direct key operation for all important function
- Big font-better viewing from a distance
- Customizable to view only selected parameters & waveforms
- Equipped with Wi-Fi module (*Optional*)

Specifications

General

Size	W 255 mm, D 135 mm, H 175 mm
Weight	<2 Kgs.
Display	
Display Type	Color TFT
Display Area	7"
Resolution	800 x 480
Wave Forms	Up to 10 waveforms can be displayed at any time. Numeric Display includes HR/ PR, SpO ₂ %, NiBP with MAP, Resp., Temp., IBP & CO ₂
Trends	3500 readings of NiBP, 256 Hrs. for all other parameters.
Networking	2 way Central Nursing Station connectivity.
Alarms	Adjustable alarm limits.
Applications	Adult, Pediatric, and Neonatal.

Electrical

Internal Battery	11.1V, 2000 mAh Li-ion, Rechargeable battery.
Charge time	Maximum 5 to 6 hours to full capacity.
Operation	AC/ DC operation.
AC Mains	AC~100-240 V 50/60 Hz 1.5A
Fuse	1.5A F 250V
DC Socket	12V-15V
DC Fuse	5 A
Battery Backup	4 Hours Approx
*Use either Mains or DC at a time	

Environmental

Operating Temperature	0 to 45 °C
Operating Humidity	5 to 95% RH, non-condensing.
Storage Temperature	-5 to 70 °C

ECG

Leads	I, II, III, aVR, aVL, aVF, V in 5 Lead/ I, II, III
Heart Rate Range	20 to 250 bpm
Heart Rate Accuracy	± 3 bpm
Bandwidth Diagnostic	0.05 to 40 Hz
Bandwidth Monitoring	0.5 to 40 Hz
Display Sweep	Speed 6.25, 12.5, 25, 50 mm/sec.
ECG Sensitivity	4, 2, 1, 0.5, 0.25 mV/cm.
Lead Open Detection	Yes
Pacemaker Detection	Yes
Arrhythmia	Selectable arrhythmia detection.
CMRR	> 110 dB
Input Dynamic Range	± 5 mV AC, ± 300 mV DC.
ST Range	from -0.9 to 0.9 mV
Defib Protection	protected against 360 J discharge and electrostatic potentials.

SpO₂

Range	
% Saturation	0% to 100%
Pulse Rate	20 bpm to 250 bpm
Accuracy	
SpO ₂	70% to 100%: ± 2 digits
	50% to 69%: ± 3 digits
	0% to 49 %: Unspecified
Pulse Rate	± 3 bpm
PR Resolution	1 bpm
Cautery Protection	protected against external cautery interference.

Temperature (Single)

Range	0 to 50 °C
Accuracy	± 0.1 °C

NIBP

Technique	Oscillometric
BP Measurement Range	
Adult	30 to 250 mmHg
Pediatric	30 to 200 mmHg
Neonatal	30 to 130 mmHg
Measurement Modes	
Auto	Automatic BP measurements at 2, 3, 5, 10, 15, 2,3,5,10,20,30,60,120,240,480 & 720 minutes
Manual	Single measurement initiated by NiBP Start/ Stop switch.
STAT Mode	Average of all readings in 5 minutes
Pulse Rate Range	20 to 250 bpm
Over Pressure Monitor	270 mmHg (Adult)
	220 mmHg (Pediatric)
	130 mmHg (Neonatal)

Respiration

Technique	Trans-thoracic impedance.
Range	5 to 150 breaths / min.
Accuracy	± 2 or ± 3 % breaths / min.
Resolution	1 breath / min.
BW	0.1 to 3 Hz
Leads	RA to LA
Display Sweep Speed	6.25, 12.5, 25, 50 mm/sec.
Lead Open detection	Yes

IBP Single/Dual/Triple Ch (Optional)

Measurement Range	-10 to 300 mmHg
Pressure Transducer	
Sensitivity	5 µV/ V/ mmHg
Impedance range	300 to 3000 (ohm)
Resolution	1 mmHg
Accuracy	±1 mmHg or ± 2%, whichever is greater.

EtCO₂ (Optional)

Method	Infrared Absorption.
Measurement mode	Side Stream.
Measurement range	
EtCO ₂	0 to 99 mmHg
ICO ₂	0 to 99 mmHg
RR	4 to 150 rpm
Resolution	
EtCO ₂	1 mmHg
ICO ₂	1 mmHg
RR	1 rpm
Accuracy	
CO ₂ concentration	± 2 mmHg @ ≤ 5% Co ₂
	<10% of reading @ > 5% Co ₂
RR	± 2 rpm
Apnea alarm	Yes
Occlusion Error	Yes

Printer (Optional)

Printer	Single / Dual channel printing.
---------	---------------------------------

Safety:

IEC 60601-1, IEC 60601-1-2 IEC-60601-2-49



II Shree Sai II 24

RUSHIKESH ENTERPRISES

"Crafting Equipment Caring for Lives"

Marketing Office :

Rushikesh Enterprises,
F.No.24B, Govind appt.,
Opp. Prathmesh Nagari,
Anand Nagar, Pune - 411051.

Products

- Baby Warmer
- Phototherapy
- Bubble CPAP
- Ventilator
- Multipara Monitors
- Pulse Oximeter
- Syringe Infusion Pump
- Patient Body Warmer
- Suction Machine

Authorised Sales & Services for NICU / ICU Care Equipment

Harish Pathak

+91 91194 56882

Rushikesh Pathak

+91 77980 36631

rushikesh.pathak06@gmail.com

GST NO.27AUSPP9375P1Z6