Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Portable Patient Monitor With Accessories

Product Code :

SLE/RAE/15



Science Lab

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Phone: +91-7082934803

Description :

Portable Patient Monitor With Accessories (Product Code: SLE/RAE/15) is a five-parameter vital signs monitor used to track ECG and heart rate, respiratory rate, SpO2, non-invasive blood pressure and temperature in wards, recovery rooms, emergency and intensive care. It covers adult, paediatric/infant and neonatal patients, runs on mains or a built-in battery and shows at least 4 waveform channels on a colour screen over 10.4 inches. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Parameters monitored	ECG and heart rate (HR), respiratory rate (RR), SpO2, NIBP, temperature
Patient groups	Adult, paediatric/infant and neonatal
ECG leads	3-lead, I-II-III selection (optional 5-lead: I, II, III, aVR, aVL, aVF, V)
ECG analysis	Waveform display; S-T detection; arrhythmia analysis; pacemaker detection/rejection
Heart rate range and accuracy	15–300 bpm adult, 15–350 bpm paediatric/neonatal; ± 1 bpm or ± 1%, whichever is greater
ECG gain and sweep	Gain 1.25, 2.5, 5, 10, 20, 40 mm/mV and Auto; sweep 6.25, 12.5, 25 and 50 mm/s
Standardising marker	-1 to 1 mV or -2 to 2 mV, depending on model
Respiratory rate	0–120 rpm adult, 0–150 rpm paediatric/neonatal; resolution 1 rpm; accuracy ± 2 rpm or ± 2 % in the 7–150 rpm range, whichever is greater
NIBP	Oscillometric step deflation; adjustable inflating pressure; systolic, diastolic and mean; ranges 10–270 mmHg adult, 10–200 mmHg paediatric, 10–135 mmHg neonatal; resolution 1 mmHg
SpO2	Range 0–100 %; resolution 1 %; accuracy ± 2 % in the 70–100 % range; pulse rate 25–250 bpm, accuracy ± 3 bpm or ± 2 %, whichever is greater
Temperature	Range 0–50 °C; resolution 0.1 °C; accuracy ± 0.1 °C
Display	TFT colour, over 10.4 inches; multi-waveform and parameter view, at least 4 channels; adjustable signal amplitude and sensitivity
Trends and data	Trend display over 120 hours at 1 min resolution; internal patient information and trend database; data and network interface
Alarms	Audio-visual for all monitored parameters with silencing; reports system errors, lead and sensor failures and AC/battery status
Defibrillator com	Defibrillator sync and protection
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