Science Lab

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Product Name :

Defibrillator Basic With Accessories

Product Code :

SLE/RAE/10



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Description :

Defibrillator Basic With Accessories (Product Code: SLE/RAE/10) is a portable external defibrillator with built-in ECG monitor and printer, used to deliver manual or synchronised biphasic shocks to adult and paediatric patients in emergency rooms, wards and on resuscitation trolleys.It runs on mains or a removable rechargeable battery and comes with adult and paediatric padsor adapters. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Patients	Adult and paediatric; supplied with adult and paediatric pads/adapters
Defibrillation modes	Manual and synchronised; biphasic energy waveform; non-directional pads
Energy output range	2–200 J or 2–360 J (depending on model); adjustable in steps; adult and paediatric settings
Energy output accuracy	± 15 %
Patient resistance range	At least 30–175 ohm, with load compensation (energy adjusts automatically to patient impedance)
Charge time to maximum energy	< 10 s (mains supply, battery charged)
ECG monitor	Detection through pads or dedicated 3-lead ECG cable; gain 2.5, 5, 10 and 20 mm/mV; waveform and analysis with selectable views; protected against defibrillation discharges
Printer	Built-in 3-channel thermal printer; paper width 58 or 72 mm (depending on model); paper speed 25 mm/s; prints ECG curves and analysis, events, settings and alarms; real-time and manual print modes
Internal memory	ECG, events (at least 500 or 60 min of monitoring) and parameters
Display	Backlit flat panel, 5–8 inch: mode, energy, ready/charging state, ECG curves, heart rate, date/time, settings, power status and alarms
Alarms and checks	Audio/visual alarms for pads connection, mains/battery status, paper and printer status, system errors; automatic and manual self-test; continuous pad and electrode connection check; internal safety discharge
Interface	Data/USB communication
Optional modes (not included)	Compatible with SAED, AED and pacing modes and SpO2
Power	110–220 V / 50–60 Hz; 200 W; integrated charger and transformer;
Batt	of