



Email : sales@laboratoryinstrumentindia.com

Product Name :
Defibrillator,AED,w/access

Product Code :
LBNY-0017-220008



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Description :

Fully automated external defibrillators (AEDs) deliver a high-voltage electrical impulse to the heart in order to restore normal rhythm and contractile function in patients who are experiencing ventricular fibrillation (VF) or ventricular tachycardia (VT) that is not accompanied by a palpable pulse. AEDs are designed for use primarily by first responders to cardiac emergencies, who may not be fully trained in advanced cardiac life support (ACLS). In the prehospital setting, these emergency personnel can include EMTs, firefighters, and law enforcement officers. Flight attendants, security guards, and others sometimes called targeted responders may be expected to use PAD units. AEDs differ from conventional manual defibrillators in that AEDs can analyse the ECG rhythm to determine whether defibrillation is necessary; this eliminates the need for the user to interpret the cardiac rhythm before delivering a shock. AEDs can also be used in areas of the hospital where advanced life support personnel are not readily available.

Technical Specification :

Adult and paediatric settings.
Automatic impedance compensation based on patient.
Paediatric dose attenuation.
Automatic switch between AED and CPR modes based on analysis.
Analysis time less than 10 seconds after having been switched on.
Biphasic output waveform
Automatic ECG (VT/VF) detection and analysis.
Charge time to maximum energy output is 5 seconds.
Includes step-by-step device and CPR user guide, either in durable plastic-coated manual and/or on machine.
Audible metronome for CPR procedure.

Maximum energy output for adults between 150 and 200 Joules.
Maximum energy output for paediatrics 50 Joules, or adjustable between 30 and 70 (depending on the model supplied).
Built-in discharge feature for safety.
Integrated control panel with all parameters and controls.
Step-by-step pictograms on the control panel for ready and easy operation.
Automatic self-test and continuous check of pads and electrodes connection.
Conductive surface area of adult electrodes is at least 80 cm²
Conductive surface area of paediatric electrodes is at least 80 cm²
Audio and/or visual indications of operational status and step-by-step operation.
Audio and/or visual alarms for operational status, electrodes, battery status and system errors.
Shelf life of electrodes is at least 2 years.
The internal battery, when full supports at least 140 full discharges at 200J, or two hours continuous ECG monitoring.
Replaceable internal battery, non-rechargeable.
Battery type LiSO₂ or LiM no (depending on the model supplied).
Weighs less than 3 kg.



Laboratory Instrument India