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Product Name :
Defibrillator,basic,w/access

Product Code :
LBNY-0017-220009



www.laboratoryinstrumentindia.com

Description :

An ECG monitor included with the unit is used to verify the presence of a shockable rhythm and the effectiveness of treatment. Defibrillators 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), ventricular tachycardia (VT), or another shockable rhythm.

Technical Specification :

Suitable for adult and paediatric patients.
Supplied with hand-held paddles suitable for adults and paediatric patients.

DEFIBRILLATOR FEATURES

Biphasic energy waveform.
Manual defibrillation ("defib") and synchronized cardioversion ("sync") modes.
Paddle controls for charging and discharging.
Automatic impedance compensation.
Integrated backlit, flat panel display, minimum diagonal measurement of 12.7 cm (5 inches).
Adjustable energy output range of 2 - 50 J for paediatric patients.
Adjustable energy output range for adult patents 50 - either 200 or 360 J for adult patients.
Minimum of 19 steps between minimum and maximum energy output.
Maximum time from charge to shock ready Maximum time from power on to shock ready Internal safety discharge feature (if shock is not delivered).

PRINTER, STORAGE AND DATA

Built-in 3-channel thermal printer.
Prints ECG waveform, events, settings, and alarms.
Paper speed of 10, 25 and 50 mm/sec.
Internal memory storage for ECG, events (16 hours ECG monitoring) and parameters.

ECG MONITOR

Three (3) lead ECG configuration (I, II and III) and cable.
ECG waveform display.
Waveform display sweep speed of 25 mm/sec.
Sensitivity settings (ECG gain) must include at least: 5, 10, 20 and 40mm/mV.
Adjustable ECG print modes and settings (real-time, manual).
Lead fault indicator.

DISPLAY

The display shows following parameters:

- Defibrillation mode.
- ECG waveform.
- Heart rate.
- Energy level.
- Ready/charging state.
- Date and time.
- Settings.
- System messages.
- Mains and battery status.

ALARMS AND SAFETY

The unit include automatic self-testing of paddles, ECG electrodes, the discharge function, battery and mains power, printer, and paper status, and for other device errors.

Below listed alarms are audible as well as visual:

- Paddle and ECG electrode connection.
- System errors.
- Mains and battery status.

BATTERY AND POWER

Removable rechargeable battery.
Operating time on battery: > 130 discharges at 200 J or > 2 hours continuous ECG monitoring.
Integrated battery charger and transformer.
Automatic switch to battery in case of power failure and battery charge on connection to mains power.
Maximum battery recharge time less than 4 hours.
Power requirements: 100 - 240 Volts - 50/60 Hz.
Battery type Nickel-Metal Hydride or Lithium Ion (depending on the model supplied).



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