

# Defibrillator with ECG Monitor ATL-8600-Series



## Technical Specification:

### A. Description of Function

1. Defibrillator is required for reviving the heart functions by providing selected quantum of electrical shocks with facility for monitoring vital parameters.

### B. Operational Requirements

1. Defibrillator is Bi-Phasic, Light weight and latest model
2. Monitor vital parameters and display them
3. Print the ECG on thermal recorders.
4. Should work on both Manual and Automated external defibrillation (AED) mode up to 200 j or more.
5. Capable of doing synchronized & asynchronized cardioversion
6. Can be operated from mains as well as battery
7. Defibrillator testing facility

### C. Technical Specifications

1. Low Energy Biphasic defibrillator monitor with Recorder, having capability to arrest all arrhythmia within a maximum energy of 200 joules.
2. Monitor ECG through paddles, pads and monitoring electrodes and Defibrillate through pade and paddles. Automatic or Manual Lead switching to see patient ECG through paddles or leads
3. Measure and compensate for chest impedance for a range of 25 to 125 ohms
4. Built in 50mm strip Printer/ Thermal recorder
5. Charging time of less than 6 for maximum energy. Charging indicator is there.
6. Bright LCD / TFT display for viewing messages and ECG wavefrom of 4 seconds
7. Single Adult and pediatric paddles is available.

8. Internal paddles available
9. Event summary facility for recording and printing at least 250 events and 50 waveforms. Patient data storage 90 mins of ECG and events.
10. Battery capable of usage for at least 90minutes or 30 discharges.
11. Capable of printing Reports on Event summary, configuration, self-test, battery capacity etc
12. Facility for self-test/check before usage and set up function
- 13.SPO2 and EtCO2 integrated facility.
14. Capable of delivering energy in increments of 1-2 joules up to 30J and increments of maximum 50J thereafter.
15. User friendly 1, 2, 3 color coded operation.
16. Voice prompts on AED mode
17. Printing reports of events summary configuration/set test/ battery capacity
18. Optional noninvasive pacing/ transcutaneous pacing

#### **D. System Configuration Accessories, spares and consumables**

1. Defibrillator
2. Paddles Adult/Paediatric
3. Paddles –Internal
4. Patient cable
5. ECG Rolls
6. Disposable pads
7. "Reusable SPO2 Finger Probe
8. Reusable SPO2 Paediatric Finger Probe
9. Complete set of ECG Leads

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### **HPLC Servicing, Validation, Trainings and Preventive Maintenance :**

- HPLC Servicing :We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.
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