

Lifeline Auto

Fully Automatic Defibrillator High Capacity Battery



The Lifeline AUTO is a fully automatic defibrillator designed to analyze heart rhythms and automatically deliver a shock—without intervention—if needed.

The Lifeline AUTO includes all mission critical features necessary to provide the most advanced treatment for Sudden Cardiac Arrest. Yet it is so simple and unintimidating to use that even non-medical personnel can effectively save lives.

The Lifeline AUTO was developed by experienced multidisciplinary engineering teams and incorporates state-of-the-art digital signal processing techniques and advanced ECG analysis algorithms.

The Lifeline AUTO defibrillator uses advanced biphasic technology - including the most studied biphasic shock waveform - and automatically adjusts the shock delivery to the person's individual needs.

The Lifeline Auto defibrillator is a one-button defibrillator which analyses the heart rhythm and will automatically deliver shocks without intervention. It features clear voice instructions to help with the entire process from how to position the pads to when to perform CPR between shocks. This AED has been designed by physicians so that ANYONE can save a life.

For first response professions like police, fire and EMS, the Lifeline AUTO is standard equipment. For schools, offices, malls, factories and public places, it's becoming as vital as a fire extinguisher.

The high capacity Lifeline Defibrillator Battery (approx. shelf life of 6.5-7 years) is capable of performing 300 defibrillator shocks or 16 hours of continuous operation.

- **The easiest to use AED**
Proven by an independent study
- **Simple and unintimidating design**
No lids or moving parts that may slow down or delay a rescue
- **Tough and robust design**
- **Self-maintaining unit**
Performs daily/weekly/monthly self-tests and constantly displays status via bright indicator light
- **8-year manufacturers warranty**
- **Long lasting batteries**
Capable of delivering up to 300 shocks if needed
- **Lightweight**
At only 1.9kg the unit can be easily transported to the patient

Life-Saving Technology

Within Reach



Lifeline AUTO Defibrillator

Technical Specifications

Defibrillator	Defibrillation / Monitoring Pads	Self Tests								
Type: Fully automatic external defibrillator	Model: Adult - DDP-100 Child/Infant - DDP-200P	Automatic Automatic daily, weekly and monthly circuitry tests								
Model: DDU - 120 Series	Surface Area**: Adult: 16 inches ² (103 cm ²) Child / Infant: 7.75 inches ² (50 cm ²)	Battery Insertion System integrity test on battery insertion								
Waveform: Biphasic Truncated Exponential (Impedance compensated)	Pad Placement: Adult - Anterior/Anterior Child/Infant - Anterior/Posterior	Pad Presence Pads preconnected tested daily								
Energy: Adult: 150 Joules Pediatric: 50 Joules (Nominal into 50 Ohm load)	Cable Length (typical): 48 In (122 cm)	User-Initiated Unit and battery pack system test may also be initiated by the user								
Voice Prompts Extensive voice prompts guide user through operation of the unit	Type: Pre-connected, single-use, non-polarized, disposable, self-adhesive electrodes with cable and connector <small>**Nominal, each pad</small>	Status Indication Visual and audible indication of unit status								
Controls Lighted On/Off button										
Indicators "check pads" "do not touch patient" "analyzing" armed-for-shock AED status LED										
Charge Time* DBP-2800: Less than 6 seconds DBP-1400 Less than 9 Seconds										
Size 8.5 x 11.8 x 2.7 inches (22 x 30 x 7 cm)										
Weight (Approximate) With DBP-2800: 4.4 lbs (2.0 kg)										
	Battery Pack <table border="1"> <tr> <td> Model DBP-2800 </td><td> Type Lithium/Manganese Dioxide Disposable, recyclable, non-rechargeable </td></tr> <tr> <td> Power 15V, 2800 mAh </td><td> Low Battery Indicators Visible, Audible </td></tr> <tr> <td> Capacity (new,at 25°C) - 300 Shocks or 16 hours continuous operation </td><td>  </td></tr> <tr> <td> Standby-Life (Typical) 6.5 - 7 Years </td><td></td></tr> </table>	Model DBP-2800	Type Lithium/Manganese Dioxide Disposable, recyclable, non-rechargeable	Power 15V, 2800 mAh	Low Battery Indicators Visible, Audible	Capacity (new,at 25°C) - 300 Shocks or 16 hours continuous operation		Standby-Life (Typical) 6.5 - 7 Years		
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		Event Documentation <p>Internal Event Record Critical ECG segments and rescue event parameters are recorded and can be downloaded to a removable data card</p> <p>PC-Based Event Review ECG with event tag display, and audio playback when available</p> <p>Removable Storage (Optional) Up to 12 hours of ECG and event data storage (no audio option) or up to 2 hours of audio, ECG and event storage (audio option) on a removable data card. Actual length of storage is dependant on card capacity.</p>								

Lifeline AUTO Defibrillator

Technical Specifications

Environmental

Relative/Humidity

Operating/Standy: 5% - 95%
(non-condensing)

Altitude

-500 to 15,000 ft (-150 to 4500m)
per MIL-STD-810F 500.4 Procedure II

Temperature

Operating: 0 to 50°C (32 to 122°F)

Shock/Drop Abuse Tolerance

MIL-STD-810F 516.5 Procedure IV
(1 meter, any edge, corner or surface, in standby mode)

ESD

EN 61000-4-2:1998, (open air up to 8kV or
direct contact up to 6kV)

Vibration

Ground (MIL-STD-810F 514.4 Category 20)

Helicopter (RTCA/DO-160D, Section 8.8.2

Cat R, Zone, 2, Curve G)

Sealing/Water Resistance

IEC60529 class IP54; Splash proof, Dust Protected
(Battery Pack installed)

EMC (Immunity)

EN 60601-2-4:2004, limits

EN 61000-4-3:2002

Level 3 (10V/m), method

EMC (Emission)

EN 60601-1 -3:1998 +A1: 2002,
limits EN 55011: 1998 +A1: 1999 +A2:2002
Group 1 Level B, method

Patient Analysis System

Patient Analysis

Automatically evaluates patient impedance for proper pad contact.

Monitors signal quality and analyzes patient ECG for shockable/nonshockable rhythms

Sensitivity/Specificity

Meets AAMI-DF-39 specifications and AHA recommendations



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