



CE
HD 60007286 0001

ISO-13485
QUALITY ASSURED
MEDICAL DEVICE

CLEARED BY THE
FDA

LIFELINE AED Semi-automatic Defibrillator

Pre-connected pads

-

5 year/125 shock standard battery

-

7 year/300 shock battery available

-

5 year warranty

-

Biphasic defibrillator

-

Daily auto self-test

-

Rubberised surfaces

-

Shock/drop tested

-

Rated for dust protection (IP5X)

-

Rated for water protection (IPX4)

-

On unit pad storage

-

Paediatric pads available

-

Free event review software

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Compatible with all frontline emergency ambulance defibrillators

It can strike anyone, anywhere, at any time, and in most cases without warning. Now there is something you can do to improve the survivability of sudden cardiac arrest with a solution that is both easy to use and extremely affordable. Defibtech has designed a revolutionary new semi-automatic external defibrillator from the ground up.

Technologically advanced enough to include all mission critical features necessary to provide the most advanced treatment for Sudden Cardiac Arrest. Yet so simple and unimposing to use that even non-medical personnel can effectively save lives.

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

This enables the device to exceed the American Heart Association performance recommendations, giving the user confidence that the correct therapy is being delivered.

The Lifeline AED defibrillator uses advanced biphasic technology, including the most studied biphasic shock waveform and automatically adjust the shock delivery to the person's individual needs.

For first response professionals like occupational first aiders, fire and ambulance, the Lifeline AED is standard equipment. For schools, offices, stores, shopping centres, factories, and public places, it's becoming as vital as the fire extinguisher.

LIFELINE AED Semi-automatic Defibrillator technical specifications

Defibrillator

TYPE Semi-automatic external defibrillator	SHOCK-TO-SHOCK CYCLE TIME Less than 20 seconds (typical, includes analysis and charging time)
MODEL DDU-100A	VOICE PROMPTS Extensive voice prompts guide user through operation of the unit
WAVEFORM Biphasic Truncated Exponential (Impedance compensated)	CONTROLS -Lighted On/Off button -Lighted Shock button
ENERGY 150-Joules (nominal into 50 ohm load)	INDICATORS -"check pads" -"do not touch patient" -"analyzing" -"AED status LED"
CHARGE TIME Less than 6 seconds (DBP-2800 battery) Less than 9 seconds (DBP-1400 battery)	

Patient Analysis System

PATIENT Automatically evaluates patient impedance for proper pad contact. Monitors signal quality and analyzes patient ECG for shockable/non-shockable rhythms	SENSITIVITY Meets AAMI-DF-39 specifications and American Heart Association recommendations
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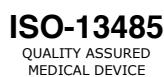
Battery Pack

MODEL DBP-2800	MODEL DBP-1400
POWER 15V, 2800 mAh	POWER 15V, 1400 mAh
CAPACITY (new) -300 shocks or 16 hours continuous operation	CAPACITY (new) -125 shocks or 8 hours continuous operation
STANDBY-LIFE -7 years	STANDBY-LIFE -5 years

Self Tests

AUTOMATIC Automatic daily, weekly and monthly circuitry test	USER-INITIATED Unit and battery pack system test initiated by the user
BATTERY System integrity test on battery insertion	STATUS INDICATION Visual and Audible indication unit status

Details and specifications in this brochure are subject to change without notice.



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Defibrillation / Monitoring Pads

MODEL DDP-100	SURFACE AREA 103 cm ² (normal, each pad)
TYPE Single-use, disposable, self-adhesive electrodes with cable connector	PAD PLACEMENT Anterior- Anterior
	CABLE LENGTH 48 in (122cm)

Event Documentation

INTERNAL EVENT RECORD Critical ECG segments and rescue event parameters are recorded and can be downloaded to a removable data card	REMOVABLE STORAGE (optional) Up to 12 hours of ECG and event data storage (no audio option) or up to 1:40 of audio, ECG and event storage (audio option) on a removable data card. Actual length of storage is dependent on card capacity
PC-BASED EVENT REVIEW ECG with event tag display, and audio playback when available. Software provided free.	

Environmental

TEMPERATURE Operating / Standby: 0-50 C (32-122 F)	SHOCK / DROP ABUSE TOLERANCE MIL-STD-810F 516.5 Procedure IV (1 meter, any edge, corner, or surface, in standby mode)
RELATIVE HUMIDITY Operating / Standby: 5% - 95% (non-condensing)	SEALING / WATER RESISTANCE IEC60529 class IP54; Splash Proof, Dust Protected with battery pack installed
ALTITUDE -500 to 15,000 ft (-150 to 4500 m) per MIL-STD-810F 500.4 Procedure II	ESD EN61000-4-2: 1998, (open air up to 8kV or direct contact up to 6kV)
VIBRATION Ground (MIL-STD-810F 514.5 Category 20)	EMC (Emission) EN60601-1-2 limits (1993), method EN55011 : 1998 Group 1 Level B
Helicopter (RTCA/DO-160D, Section 8.8.2, Cat R, Zone 2, Curve G)	EMC (Immunity) EN60601-1-2 limits (1993), method EN61000-4-3: 1998 Level 3 (10V/m)
Jet Aircraft (RTCA/DO-160D, Section 8, Cat H, Zone 2, Curves B & R)	

Physical

SIZE 8.5 x 11.8 x 2.7 inches (22 x 30 x 7 cm)	WEIGHT DBP-1400: 4.2lbs (1.9 kg) DBP-2800: 4.4lbs (2.0 kg)
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