The Lifeline AUTO is a fully automatic defibrillator designed to analyze heart rhythm 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’s 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 device exceeds the American Heart Association performance recommendations—giving the user confidence the correct therapy is being delivered.

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.

For first response professionals 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.
Lifeline AUTO Fully Automatic Defibrillator

TECHNICAL SPECIFICATIONS*

**Defibrillator**

**TYPE**
Fully Automatic external defibrillator

**MODEL**
DDU-120A, DDU-120E

**WAVEFORM**
Biphasic Truncated Exponential (Impedance compensated)

**ENERGY**
Adult: 150 Joules
Pediatric: 50 Joules
(Nominal into 50 Ohm load)

**CHARGE TIME**
DBP-2800: Less than 6 seconds
DBP-1400: Less than 9 seconds

**Defibrillation/Monitoring Pads**

**MODEL**
Adult – DDP-100
Child/Infant – DDP-200P

**TYPE**
Pre-connected, single-use, non-polarized, disposable, self-adhesive electrodes with cable and connector

**SURFACE AREA**
103 cm² (nominal, each pad)
50 cm² (nominal, each pad)

**PAD PLACEMENT**
Adult – Anterior/Anterior
Child/Infant – Anterior/Posterior

**CABLE LENGTH**
48 in (122 cm)

**Event Documentation**

**INTERNAL EVENT RECORD**
Critical ECG segments and rescue event parameters are recorded and can be downloaded to a removable data card

**PC-BASED EVENT REVIEW**
ECG with event tag display, and audio playback when available

**REMovable STORAGE**
(important)
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 dependent on card capacity

**Patient Analysis System**

**SENSITIVITY/SPECIFICITY**
Meets AAMI-DF-39 specifications and AHA recommendations

**Battery Pack**

**MODEL DBP-2800**
**MODEL DBP-1400**

**POWER**
15V, 2800 mAh
15V, 1400 mAh

**CAPACITY**
300 shocks or 16 hours continuous operation**
125 shocks or 8 hours continuous operation**

**STANDBY LIFE**
7 years**
5 years**

**TYPE**
Lithium/Manganese Dioxide
Disposable, recyclable, non-rechargeable

**LOW BATTERY INDICATORS**
Visible
Audible

**Self Tests**

**AUTOMATIC**
Automatic daily, weekly, monthly and quarterly circuitry tests

**BATTERY INSERTION**
System integrity test on battery insertion

**PAD PRESENCE**
Pads preconnected tested daily

**Environmental**

**TEMPERATURE**
Operating:
0 to 50°C (32 to 122°F)
Standby (with battery installed):
0 to 50°C (32 to 122°F)

**RELATIVE HUMIDITY**
Operating / Standby: 5% – 95% (non-condensing)

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

**VIBRATION**
Ground (MIL-STD-810F 514.5 Category 20)
Helicopter (RTCA/DO-160D, Section 8.8.2, Cat R, Zone 2, Curve G)
Jet Aircraft (RTCA/DO-160D, Section B, Cat H, Zone 2, Curves B & R)

**SHOCK/DROP ABUSE TOLERANCE**
MIL-STD-810F 516.5 Procedure IV (1 meter, any edge, corner, or surface, in standby mode)

**SEALING/WATER RESISTANCE**
IEC60529 class IP54; Splash Proof, Dust Protected (Battery Pack installed)

**ESD**
EN 61000-4-2:2009 (open air up to 15kV or direct contact up to 8kV)

**EMC (Emission)**

**EMC (Immunity)**
EN 60601-2-4:2003, limits EN 61000-4-3:2002 Level 3 (10V/m), method

**Physical**

**SIZE**
8.5 x 11.8 x 2.7 inches
(22 x 30 x 7 cm)

**WEIGHT**
(Approximate)
With DBP-1400: 4.2 lbs (1.9 kg)
With DBP-2800: 4.4 lbs (2.0 kg)

**Self Tests**

**AUTOMATIC**
Automatic daily, weekly, monthly and quarterly circuitry tests

**BATTERY INSERTION**
System integrity test on battery insertion

**PAD PRESENCE**
Pads preconnected tested daily

**USER-INITIATED**
Unit and battery pack system test may also be initiated by the user

**STATUS INDICATION**
Visual and audible indication of unit status

*Specifications subject to change without notice