Lifeline ECG Semi-Automatic Defibrillator with ECG Mode

LIVE ECG DATA DISPLAY FOR THE PROFESSIONAL RESPONDER

Meet the AED that’s taking the Lifeline family to a whole new level. The Lifeline VIEW family of defibrillators are the first and only AEDs with video in full-motion color. The Lifeline ECG takes this revolutionary AED to a whole new level by offering professional responders a mode that displays the ECG in addition to an AED mode that gives step-by-step instructions for performing CPR, rescue breathing and external defibrillation.

And the Lifeline ECG’s versatility doesn’t stop there. Real Time Protocol Selection enables you to switch rescue protocols without skipping a beat, giving you the comfort and confidence to deliver emergency care your way. As protocols change over time, your unit can be upgraded in the field in minutes.

Defibtech has drawn accolades for saving lives by producing the best AEDs medical technology can offer and currently has over 160,000 units in the field. With award-winning design, durability, and easy maintenance — backed by the Defibtech commitment to innovation and excellence — we can guarantee that you’ve never seen an AED like this before.
### Operating Modes

<table>
<thead>
<tr>
<th>Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AED Mode</td>
<td>High resolution video display (animated instructions and CPR coaching).</td>
</tr>
<tr>
<td>ECG Monitor Mode</td>
<td>Displays ECG data and event information (with 3-lead electrodes).</td>
</tr>
</tbody>
</table>

### Defibrillator

<table>
<thead>
<tr>
<th>Type</th>
<th>Semi-Automatic external defibrillator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>DDU-2450</td>
</tr>
<tr>
<td>Waveform</td>
<td>Impedance Compensated Biphasic Truncated Exponential</td>
</tr>
</tbody>
</table>
| Energy*       | Adult: 150 Joules  
Child / Infant: 50 Joules  
(Nominal into 50 ohm load) |
| Charge Time   | 4 seconds or less  
(from shock advised) *                                                        |
| Controls      | Lighted On/Off button  
Lighted Shock button                                                           |

### Display

| Description | High-resolution color LCD                                                  |

### Video Prompts

| Description | Full motion video On-screen text prompts                                   |

### CPR Coaching

| Description | Video and voice coaching  
On-demand video help                                                     |

### Voice Prompts

| Description | Extensive voice prompts guide user through operation of the unit          |

### Rescue Protocol

| Description | AHA/ERC 2010  
Supports protocol updates by the user (password protected) |

### Patient Analysis System

| Description | Automatically evaluates patient impedance for proper pad contact.  
Monitors signal quality and analyzes patient ECG for shockable/non-shockable rhythms. |

### Sensitivity/Specificity

| Description | Meets AAMI-DF-80 specifications and AHA recommendations |

### Event Documentation

| Description | Critical ECG segments and rescue event parameters are recorded (greater than 60 minutes) and can be downloaded to a removable data card  
ECG with event tag display, and audio playback when available |

### Removable Storage

| Description | (optional) Up to 30 hours of ECG and event data storage (no audio option) or up to 3 hours of audio (audio option). ECG and event storage on a removable data card.  
Actual length of storage is dependent on card capacity.  
Event download and maintenance operations |

### Physical

| Description | Size  
7.3 x 9.5 x 2.3 inches  
(18.5 x 24 x 5.8 cm)  
Weight (with battery)  
Less than 3 lbs (1.4 kg) |

### Self Tests

| Description | Automatic daily, weekly, monthly and quarterly circuitry tests  
System integrity test on battery insertion  
Pads preconnected tested daily  
Unit and battery pack system test initiated by the user  
Visual and audible indication of unit status  
User test results  
Pads and battery information (status and expiration) |

### Defibrillation / Monitoring Pads

| Description | Model  
DDU-2001  
DDP-2002 and DDP-2003 |
|-------------|------------------------|
| Surface Area* | Adult: 77 cm²  
Child / Infant: 50 cm² |

### Battery Packs

| Description | Model  
DBP-2003, DBP-2013 (aviation)  
CAPACITY*  
125 shocks or 8 hours continuous operation  
STANDBY LIFE*  
4 years  
LOW BATTERY INDICATORS  
Visible  
Audible |
|-------------|---------------------------------|
| Capacity*   | 125 shocks or 8 hours continuous operation  
STANDBY LIFE*  
4 years  
LOW BATTERY INDICATORS  
Visible  
Audible |

### Environmental

| Description | Temperature  
Operating: 0 to 50°C (32 to 122°F)  
Standby: 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 8, Cat H, Zone 2, Curves B & R)  
Shock / Drop Abuse Tolerance  
MIL-STD-810F 516.5 Procedure IV  
Sealing / Water Resistance  
IEC60529 class IP55; Dust protected. Protected against water jets (battery pack installed)  
ESD  
IEC 60601-4-2: (Open air up to 15kV or direct contact up to 8kV)  
EMC (Emission)  
CISPR 11 Group 1 Level B and FCC Part 15  
EMC (Immunity)  
IEC 61000-4-3 and IEC 61000-4-8 |

---

*Specifications subject to change without notice.