### Lifeline ARM Automated Chest Compression Device

**RMU-1000 TECHNICAL SPECIFICATIONS**

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**COMPRESSIONS**

<table>
<thead>
<tr>
<th>Compression Modes</th>
<th>Compression Depth</th>
<th>Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Compressions; Compressions with Breathing (30:2, 30 compressions with 3-second pause for ventilation) factory default; future protocols via field updates</td>
<td>2.1 inches ±0.1 inches (5.3 cm ±0.3 cm) from start position (nominal patient)</td>
<td>Operating / Maintenance Temperature: 0 to 40°C (32 to 104°F)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STANDBY / STORAGE / TRANSPORT TEMPERATURE: -20 to 70°C (~4 to 158°F)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HUMIDITY: 5% to 95% (non-condensing)</td>
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<tr>
<td></td>
<td></td>
<td>VIBRATION: MIL-STD-810G 514.6 Category 20 (Ground)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>COMPRESSION FREQUENCY: 101 ±1 compressions per minute</td>
</tr>
<tr>
<td></td>
<td></td>
<td>COMPRESSION DUTY CYCLE: 50% ±5%</td>
</tr>
</tbody>
</table>

**PHYSICAL**

| Size (assembled) | 23.5 x 20.75 x 9 inches (59.7 x 52.7 x 22.9 cm) |
| Size (in carrying case) | 24 x 18 x 10 inches (61.0 x 45.7 x 25.4 cm) |

**Weight**

| Weight (with battery pack) | 15.9 lbs (7.1 kg) |

**ADULT PATIENT RANGES**

Adult patients that fit into the ACC:
- Chest width – 18 inches (45.7 cm) max
- Chest height – 6.5 to 11.8 inches (16.5 to 30 cm)

Use of the RMU-1000 is not restricted by patient weight

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**AC POWER ADAPTER**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>RPM-1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>100 - 240VAC, 50/60Hz nominal</td>
</tr>
<tr>
<td>Input Current</td>
<td>≤2.3A</td>
</tr>
</tbody>
</table>

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**BATTERY PACK**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>RBP-1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery Type</td>
<td>18.5V, 5300 mAh, Lithium-ion. Rechargeable, recyclable.</td>
</tr>
<tr>
<td>Operation Time</td>
<td>1 hour (nominal patient)*</td>
</tr>
<tr>
<td>Battery Pack Charge Time</td>
<td>Less than 3 hours in ACC*</td>
</tr>
<tr>
<td>Battery Pack Useful Life</td>
<td>Recommended to replace battery pack every 3 years or if battery pack indicator displays a replace battery pack condition (~300 charge/discharge cycles***)</td>
</tr>
</tbody>
</table>

**Battery Pack Operating Temperature**

| Temperature | 0 to 40°C (32 to 104°F) ambient |

**Charging Temperature**

| Temperature | 0 to 40°C (32 to 104°F) ambient |

**Storage Temperature**

| Temperature | -20 to 60°C (~4 to 140°F) short-term <1 month |

**Sealing / Water Resistance**

| Resistance | IEC 60529 class IP43 |

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*Specifications subject to change without notice

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**Device Classification**

Internally powered Class II (with external power source)

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**Electromagnetic Compatibility (EMISSIONS & IMMUNITY)**

- RTCA/DO-160G
  - Environmental Conditions and Test Procedures for Airborne Equipment, Sections 20 and 21
    - Radiated susceptibility (category S, T)
    - Radiated emissions (category M, L)
    - Conducted emissions (category L, M, and H)

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**Design Standards**

Meets applicable requirements of:
- IEC 60601-1
- UL 60601-1
- CAN/CSA C22.2 60601-1
- IEC 60601-1-2

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**Operating / Maintenance Temperature**

0 to 40°C (32 to 104°F) ambient

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**Standby / Storage / Transport Temperature**

-20 to 70°C (~4 to 158°F)

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**Humidity**

5% to 95% (non-condensing)

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**Vibration**

MIL-STD-810G 514.6 Category 20 (Ground)

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**Sealing / Water Resistance**

IEC 60529 class IP43

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**Battery Pack Operating Temperature**

0 to 40°C (32 to 104°F) ambient

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**Charging Temperature**

0 to 40°C (32 to 104°F) ambient

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**Storage Temperature**

-20 to 60°C (~4 to 140°F) short-term <1 month

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**Sealing / Water Resistance**

IEC 60529 class IP44

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*typical, with new battery at 25°C

**one charge/discharge cycle is defined as charging and discharging the full capacity of the battery pack**

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