30,000 Australians suffer from Cardiac Arrest every year

www.heart2hearttraining.com.au

Don’t get caught out.

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What is an AED?
An automated external defibrillator or AED is a portable electronic device that automatically diagnoses the potentially life threatening cardiac arrhythmias of ventricular fibrillation and ventricular tachycardia in a patient, and is able to treat them through defibrillation. Defibrillation is the application of electrical therapy which stops the arrhythmia, allowing the heart to reestablish an effective rhythm. AEDs are designed to be simple to use for the layman, and the use of AEDs is taught in many first aid, first responder, and basic life support level CPR classes.

Why is an AED needed?
Automated external defibrillators are miracles of modern technology, automatically assessing whether someone who is having an apparent heart attack is a candidate for a shock, then administering one if needed. Without appropriate CPR and defibrillation, a SCA patient’s survival rate decreases by 10% every minute. AEDs have the potential to save thousands of lives including yours!

Defibrillation and Survival Rate
An AED is still only applied in 5-10% of cases, where a cardiac arrest occurs in public. That means we could save a lot more people if there was a uniform placement of AEDs in all large public buildings and if members of the public consistently learned how to use AEDs and were willing to use them.
Mediana’s Heart On AED helps to save people’s lives in case of emergency.

**HeartOn A10 Icon type**
Useful visual indicators & easy to use functions

**LCD type**
ECG & Text display

**Push button**
To open the lid

**Shock button**
Flashing button indicates ready for shock delivery. Push the button to deliver shock.

**Speaker**
Acoustic indicator for real time guidance

**Power on button**
Toggle key to turn on/off

**Adult Pads**

**Pediatric Pads**

**IrDA port**
IR communication port between PC

**SD card**
Review data stored & software upgrade

**DC input port (Trainer only)**
15V/1.5A

**Battery**
Disposable LiMn02 (non-rechargeable).

**Soft Bag**
HeartOn A10 Features

**Advantage**
Support icons and voice prompts to instruct user performing CPR. By observing the visual indicator LEDs, easy following of operating steps.

**Self-Test**
The HeartOn AED A10 includes an automatic self-test which is performed on a daily, weekly and monthly basis for device, battery, and power supply status. The self-test program will run automatically and requires no user interaction.

**Maintenance**
The HeartOn AED A10 includes a status indicator. With this indicator, user can check battery and unit status without turning on the device, making the device maintenance easier.

**Safety**
After analyzing ECG, flashing Shock button LED indicates clearly readiness for shock delivery.

**Expansibility**
Using SD card, customer can check ECG status from PC or upgrade the unit.

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HeartOn A10 Specification.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>ECG</td>
<td>Lead: 2, VFAT detection, Analysis time: 8~12mm/s</td>
</tr>
<tr>
<td>Indication</td>
<td>LCD, Icon, Status LCD, Voice prompt, Text, CPR indication</td>
</tr>
<tr>
<td>Data backup &amp; communication</td>
<td>SD card, IrDA, LAN(option)</td>
</tr>
<tr>
<td>Battery</td>
<td>Type: LiMnO2, Storage: 4 years, Discharge: Min 200, Monitoring: Min 10hrs</td>
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<tr>
<td>Regulatory</td>
<td>AAMI DF80, IEC 60601-1-2, IEC 60601-1-4, IEC 60601-2-4, 2010 AHA guideline</td>
</tr>
<tr>
<td>Self test</td>
<td>Every 24hr, 1 week, 1 month, Power on self test, Test result: Status LCD</td>
</tr>
<tr>
<td>PADS</td>
<td>Adult pad: 1 disposable pad (standard Acc.): Storage: 2 years or Pediatric Pad: 1 disposable pad (standard Acc.): Storage: 2 years</td>
</tr>
<tr>
<td>List of Components</td>
<td>A10, Adult pad, Soft Bag, Operation Manual</td>
</tr>
<tr>
<td>Dimensions</td>
<td>314x259x109 (mm, HxWxD), Weight with battery: Approx. 2.95kg</td>
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