



The AED Saver 1 is a fully automatic external defibrillator (AED) built for rapid, confident response during sudden cardiac arrest. Powered by Adaptive Biphasic Truncated Exponential (BTE) waveform technology, it analyses heart rhythm in 4-15 seconds and automatically delivers the correct shock energy ? guiding both trained professionals and untrained bystanders step-by-step through clear visual and audible prompts.

The **AED Saver 1 Fully Automatic External Defibrillator** is a life-saving cardiac emergency device engineered for reliable performance when every second counts. Designed for use by both trained medical professionals and lay rescuers with no prior experience, the AED Saver 1 removes hesitation from the resuscitation process ? automatically assessing heart rhythm, determining whether defibrillation is required, and delivering the appropriate energy level without delay.

Compliant with EU Medical Device Directive 93/42/CEE Class IIb and IEC/EN 60601-2-4 standards, the AED Saver 1 meets internationally recognised benchmarks for sensitivity (97%) and specificity (99%) in cardiac rhythm analysis.

Adaptive Biphasic Waveform Technology

The AED Saver 1 uses an **Adaptive Biphasic Truncated Exponential (BTE) waveform** that automatically adjusts shock delivery based on the patient's chest impedance ? optimising defibrillation effectiveness across a wide range of patients. Multiple shock protocols are available:

- **Adult Standard:** 150J ? 200J ? 200J (escalating)
- **Adult Power:** 200J ? 250J ? 360J (escalating)
- **Pediatric:** 50J fixed (standard or power mode)

The device analyses heart rhythm in just 4?15 seconds, charges in ?9 seconds with a new battery, and operates across an impedance range of 20?200 ohms.

Designed for Any Rescuer

The AED Saver 1 is built for ease of use under pressure. Two clearly labelled buttons ? ON/OFF and Shock ? plus an information ("i") button keep operation simple. Step-by-step flashing icons, audible voice prompts, a status LED indicator, and a battery gauge guide the rescuer through every stage of the resuscitation process, minimising the risk of error in critical moments.

Flexible Battery Options

The AED Saver 1 supports both disposable and rechargeable battery types:

- **Disposable Li-SOCl₂ Battery (SAV-C0903):** Up to 300 rescue cycles at 200J or 200 cycles at 360J

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