



Defibs

Smarty Saver AED Range

A Quality, Affordable Range of Defibrillators from Crest Medical that are easy to use.



Smarty
Defibrillators
Save Lives

Smarty Defibrillators Save Lives

Useful Information to Consider When Buying a Defibrillator.

As a medical professional or organization, having a defibrillator readily available can make all the difference in an emergency. Investing in a high-quality defibrillator ensures that you have the necessary equipment to save a life in an emergency situation. Our defibrillators are user-friendly, compact and easy to use, making them a great option for any medical facility, school, workplace, or public place.

WHAT IS A DEFIBRILLATOR?

Defibrillators are used when a person is in cardiac arrest. They deliver an energy shock to the heart (defibrillation).

Defibrillation is a medical treatment used to correct an abnormal heart rhythm. It's typically performed using an electrical device called a defibrillator, which delivers an electrical shock to the heart to restore its normal rhythm. This treatment is often used in cases of sudden cardiac arrest, where the heart has stopped beating effectively and needs to be shock ed back into a normal rhythm in order to save the person's life. Defibrillation is a critical part of advanced cardiac life support and is performed in emergency medical situations by trained medical professionals.

DEFIBRILLATORS ARE KNOWN BY SEVERAL NAMES, INCLUDING:

- ✦ AED
- ✦ Automated External Defibrillator
- ✦ Defib
- ✦ Defibrillator
- ✦ Public Access Defibrillator (PADs)

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LIFE-SAVING CAPABILITY:

Defibrillation is the only effective treatment for sudden cardiac arrest, and a defibrillator can provide this treatment quickly and effectively.

EASE OF USE:

Many modern defibrillators are designed to be user-friendly and can be used by individuals with limited medical training.

CONVENIENCE:

Portable defibrillators can be easily transported to where they are needed, making them ideal for use in public places, schools, offices, or other locations where people may be at risk of sudden cardiac arrest.

PEACE OF MIND:

Having a defibrillator readily available can give you peace of mind knowing that you have the necessary equipment to save a life in an emergency situation.

COMPLIANCE WITH REGULATIONS:

In many countries, including the UK, regulations may require certain public places to have a defibrillator on site.

a defibrillator is a crucial tool in the event of a sudden cardiac arrest and can save a life in an emergency situation



Smarty Defibrillators Save Lives

The Smarty Defibrillator Range, Quality, Affordable, Smart.

The best portable AED for a **quick and simple treatment** of Sudden Cardiac Arrest (SCA) and to assist in delivering the Cardiopulmonary Resuscitation (CPR).

The **Smarty Saver Series** meets all the requirements of a modern AED: designed to be **reliable, simple and easy to use by anyone, whether they are trained or not.**

Even in the best of circumstances, an emergency medical response cannot respond as quickly as a bystander with access to an AED. **Lightweight and portable**, thanks to the **folding handle**, the compact and catchy look, are conceived to **meet the “gold standard” for early defibrillation** in public areas.

The **advanced electronics guarantee** the functionality which you would expect from larger AED's, in a **compact size.**

KEY FEATURES:

- ✦ Compact design (A4 size)
- ✦ Practical folding handle
- ✦ Audio and visual signals for users
- ✦ Guidance through voice prompt and metronome
- ✦ Universal preconnected electrodes
- ✦ BTE waveform defibrillation with shocks 200J

ADVANCED FEATURES:

- ✦ Smarty Saver Geo: CPR quality feedback in real time + access to Amisavercloud Platform

**Compact
Design &
Intuitive to Use**

**Fully
Automatic Or
Semi-Automatic
Available**

**Instant Switch
Between
Adult/Child
Mode**

**Fast Shock
Administration
9 Seconds**

**IP 56
Dust/Water
Resistance**

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Smarty Defibrillator Range

SMARTY SAVER Fully Automatic

The basic model of the Smarty Saver Range is an affordable and easy to use AED. Reliable and durable {I meter drop test - dustproof and waterproof resistance IP rate 56).

It can be easily operated by anyone in the medical field (e.g. ambulance, emergency room, etc.) and non-medical field too (e.g. public or private places).

It delivers one or more de-fibrillating shocks on adult or paediatric patients affected by ventricular fibrillation or ventricular tachycardia, by means of a thorax impedance-compensated, biphasic truncated exponential discharge {BTE).

The Fully Automatic model will, if a shockable rhythm is detected, warn the user of the imminent shock delivery and after 5 seconds the de-fibrillating shock will be released automatically; the CPR phase will follow.



Comes with Carry Case as Standard

- 5 YEAR WARRANTY
- BTE WAVEFORM DEFIBRILLATION WITH SHOCKS AT 200J
- LIGHTWEIGHT AND AN EYE CATCHING DESIGN
- COMPLIANT TO LATEST ERG/ AHA GUIDELINES
- INSTANT SWITCH FROM ADULT TO CHILD MODE

SPECIFICATION	
MODEL	SM2-B1002: Fully Automatic 200J (nominal)
SIZE	200x213x71 mm (folded handle) 257x213x71 mm (open handle)
WEIGHT:	1.56 Kg (with battery and defibrillation PADs)
DISCHARGE PROTOCOL:	Adult: incremental first shock 1 50J - subsequent 200J Paediatric: fixed 50J
CHARGING TIME FROM SHOCK ALERT*:	EC60601-2-4 ≤ 9 sec with shock at 1 50J ≤ 1 2 sec with shock at 200J
CONTROLS:	3 buttons: ON/OFF, patient selection (adult/child}
DEVICE:	Warranty: 7 Years, Pad Shelf Life : 4 Years, Battery Standby: 4 Years with a battery insertion test and daily self-test without any turning on the AED**

*On a 50 Ohm patient and with a fully charged new battery
**On a 50 Ohm patient and with a fully charged new battery

Smarty Defibrillator Range

SMARTY SAVER Semi Automatic

The Semi-Automatic model analyses the patient’s ECG and if a shockable rhythm is detected it automatically starts charging the reservoir capacitor. The AED vocal message will suggest the operator presses the shock button to deliver the de-fibrillating shock.

The phase following the de-fibrillation, Cardiopulmonary Resuscitation, will be guided by voice prompts and the metronome marking the various cycles of compressions and insufflations.

The semi-automatic defibrillator allows the user to deliver shocks faster than an automatic defibrillator, but requires higher concentration.



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- INSTANT SWITCH FROM ADULT TO CHILD MODE

SPECIFICATION	
MODEL	SMI-B1001: Semi-Automatic
SIZE	200x213x71 mm (folded handle) 257x213x71 mm (open handle)
WEIGHT:	1.56 Kg (with battery and defibrillation PADs)
DISCHARGE PROTOCOL:	Adult: incremental first shock 1 50J - subsequent 200J Paediatric: fixed 50J
CHARGING TIME FROM SHOCK ALERT*:	EC60601-2-4 ≤ 9 sec with shock at 1 50J ≤ 1 2 sec with shock at 200J
CONTROLS:	4 buttons: ON/OFF, shock delivery, patient selection (adult/child)
DEVICE:	Warranty: 7 Years, Pad Shelf Life : 4 Years, Battery Standby: 4 Years with a battery insertion test and daily self-test without any turning on the AED**

*On a 50 Ohm patient and with a fully charged new battery
**On a 50 Ohm patient and with a fully charged new battery

