

SAVER ONE SERIES
the new generation

Saver One®
AED
series
MADE IN ITALY

life is a breath,
...keep it safe with us

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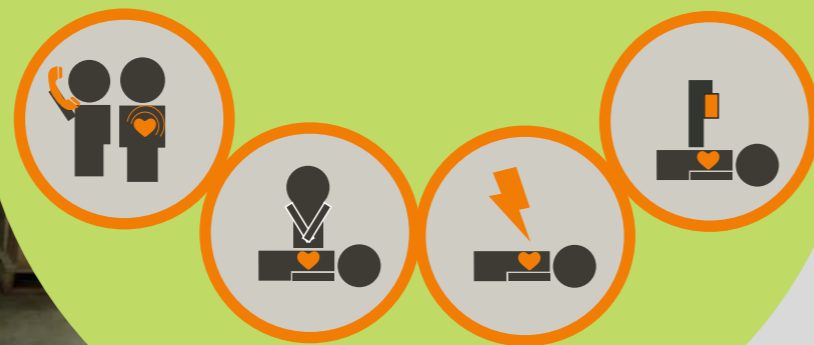
the importance of AEDs....

Sudden Cardiac Arrest is a leading cause of death among adults in the world, claiming one life each two minutes. SCA is unpredictable and can strike anyone, anywhere at anytime ! Out-of-hospital SCA takes more lives than cancer, AIDS, Alzheimer, diabetes and whatever other disease or accidents. That's a life-threatening condition and when it happens only 10% survive. But SCA can be reversed if treated in time: An early CPR (to buy time) and a timely defibrillation (to restart heart) within 4-5 minutes from SCA can produce survival rates up to 70%.

AED is a key link in the Chain of Survival.

Availability and easy access to AEDs should be increased in all public areas where groups of people congregate or where EMS response time may be slowed, as well as AEDs should be used by any motivated bystander, regardless of training.

CHAIN OF SURVIVAL



WORKPLACES

SCA is common in the general population, including those of working age and can be life-threatening, so it's sensible to consider what you would do if one of your employees or visitors suffered one. Deployment of AEDs in the workplaces to save lives is always recommended by any work health and safety organisation because the chances of surviving a cardiac arrest are increased if emergency treatment is given as soon as possible.

SCHOOLS

Every day, millions of students around the world are participating to physical activities such as basketball, football, volleyball or just at their gym class. Heart disease tends to go undetected and often manifest itself only during physical activities. Schools should be equipped with AEDs because in the event of SCA a quick response and the early defibrillation are critical to improving the chances of survival.



SPORTS

Life of sports men, no matter the discipline practiced, is daily marked by many physical and psychological sacrifices with the goal to increase performances for success: hours and hours of hard exercises, very few distractions and occasional leisures, stress and performance anxiety. However, there is a challenge that even the most prepared and coached athlete may not exceed: sudden cardiac arrest.

In Italy AED is mandatory for any sports team, no matter whether professional, semi-professional or just amateur.

eVeryday
eVerybody
eVerywhere

SaverOne
is Official Supplier to:



COMMUNITIES

AEDs are portable computerised devices any formal training. However, training is confidence and a speedy response in should strongly advocate for PAD (public place automatic external defibrillators trainings in CPR and the use of AEDs to cardiac deaths occur outside hospital then inhabitants become active part of the increasing the awareness and likelihood



safe and easy to use even without recommended to provide a level of emergency situations. Governments access defibrillation) programs that throughout communities and provide volunteers citizens. Most sudden with more AEDs in the community, emergency response system, that first responders can save a life.

IN-HOSPITALS

AHA and ERC recommend the use of AED in-hospital. Infact the Guidelines say: "AEDs should be considered for the hospital setting as a way to facilitate early defibrillation (a goal of <3min from collapse), especially in areas where staff have no rhythm recognition skills or where they use defibrillators infrequently..... Adequate numbers of staff should be trained to enable achievement of the goal of providing the first shock within 3 minutes of collapse anywhere in the hospital".



Saver One®

everywhere for life

Sudden Cardiac Arrest can happen anytime, anywhere and without warning. The person affected has only few precious minutes left for a chance of survival.

YOUR FIRST AID COULD BE SOMEBODY'S LAST CHANCE

SAVER ONE AEDs are designed for a public access use and licensed to administer fast and safe rescues. Highly-effective and user-friendly for any lay rescuer, even without minimal training.

SAVER ONE Semi and Fully Automatic defibrillators are two dependable members of our AED family. The Fully Automatic administers a defibrillating shock (when appropriate) with no shock button for the user to press while the Semi-Automatic administers a shock at the press of a button.

Choose the best portable AED that's right for you to save lives everywhere in any public circumstance (home, office, school, hotel, airport, train, beach, gym, pool, disco, etc.) and before EMS team arrives.

Automated testing to vouch daily functionality

A **new look** complete with all pictograms which light up necessary to guide rescuers step by step

More alternatives for recording and transfer data **internal memory**, removable **card**, **USB**

Slight yet solid with **long-lasting battery options** to ensure the best portability in any circumstance

Biphasic technology **up to 360J energy**

Unique features combined with available configurations give rise to exclusive devices

Meet AHA/ERC 2010 Guidelines

Saver One®

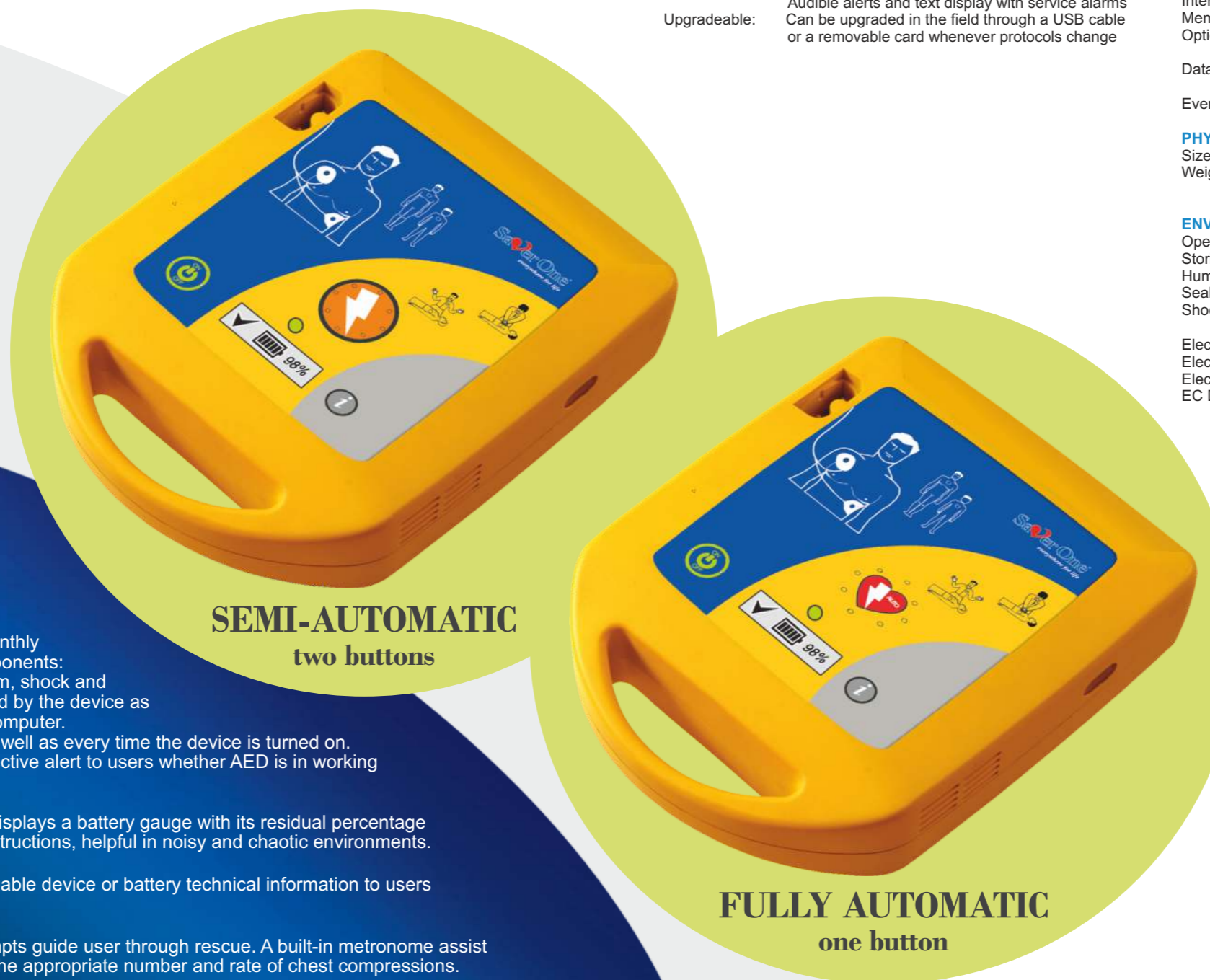
Maintenance-Free: Automatically performs daily, monthly and six-month extensive self-checks of all main components: battery, internal electronics, energy charge and disarm, shock and ECG calibration systems. Daily testing data are stored by the device as text file (named AED1LOG) easily readable by any computer. AED runs further tests after each battery insertion as well as every time the device is turned on. A visual cue (green/red status indicator) provides effective alert to users whether AED is in working order and ready for a rescue.

Helpful Text Screen: The mini LCD screen always displays a battery gauge with its residual percentage charge and runs text in tandem with audible voice instructions, helpful in noisy and chaotic environments.

Synergic "INFO" Button: The *i* button provides valuable device or battery technical information to users and is serviceable for changing the language.

CPR Coaching: More instructive voice and text prompts guide user through rescue. A built-in metronome assist responder during the CPR, providing audio cues for the appropriate number and rate of chest compressions.

Adult / Child Capability: Can be used on patients of any age with flashing icons on the keyboard providing information on the pads in use. Device senses when Pediatric pads are installed and adjusts to use a more appropriate lower energy level (50J).



SEMI-AUTOMATIC
two buttons

FULLY AUTOMATIC
one button

DEFIBRILLATOR

Operation: Semi-Automatic Version
Fully Automatic Version

Energies: Standard max 200J or Power max 360J

Waveform: Adaptive BTE (biphasic truncated exponential) conforming to patient chest's impedance

Energy type: Escalating from 50 to 360J

Protocols: Various adult shock protocols available on request

Factory default: Adult Standard escalating 150, 200, 200J
Adult Power escalating 200, 250, 360J
Pediatric (Standard or Power) 50J fixed

Charging time: ≤9 seconds with a new and fully charged battery. Depleted battery will result in a longer charging time

Analysis time: EN 60601, from 4 to 15 seconds

Impedance: 20-200 ohms

Sensitivity: EN 60602-2-4 (AHADB, MITDB source), 97%

Specificity: EN 60602-2-4 (AHADB, MITDB source), 99%

Controls: 2 buttons for Semi-Automatic: ON/OFF switch, Shock 1 button for Fully Automatic: ON/OFF switch

Flashing Icons: "pads" warning on pads (not/not well connected)
"adult/child" informing on pads type in use
"don't touch patient" warning to stay clear
"touch patient" informing it's safe to touch

Indicators: Status LED indicator informing on device condition
Battery gauge with remaining capacity rate
Audible alerts and text display with service alarms

Upgradeable: Can be upgraded in the field through a USB cable or a removable card whenever protocols change

BATTERY OPTIONS

Type: Li-SOCI2 Disposable, code SAV-C0903

Autonomy: 300 complete rescue cycles (shocks at 200J and CPR) or 200 complete rescue cycles (shocks at 360J and CPR) or 35 hours ECG Monitoring for a new and fully charged battery (*)

Shelf-Life: 8 years when stored in its original packaging (*)

Standby-Life: 5 years once installed to AED, assuming one battery insertion test and daily self-tests but without switching AED on (*)

Type: Li-Ion Accumulator (rechargeable), code SAV-C0011

Recharging time: 2,5 hours with the charger station code SAV-C0014 (*)

Autonomy: 250 shocks at 200J or 150 shocks at 360J or 21 hours in ECG Monitoring for a new fully charged battery (*)

Shelf-Life: 2,5 years or 300 charging cycles (*)

PADS OPTIONS

Type: Disposable, pre-gelled and self-adhesive

Adult: Preconnected code SAV-C0846, for patient >8 years or >25Kg
81 cm² conductive surface

Pediatric: Code SAV-C0016 for patient from 1 to 8 years old or <25Kg
31 cm² conductive surface

Cable length: 120 cm

Shelf-Life: 30 months

EVENT RECORDING

Internal memory: 1Gbit (128 MB)

Memory capacity: 6 hours of audio, ECG and event

Optional memory: Removable SD card. Length of storage depends on card capacity: a 2GB card records up to 100 hours

Data recording: "AED1LOG" text file with detailed self-test activity
"AEDFILES" with complete recorded events

Event review: "Saver View Express" data management software

PHYSICAL

Size: 26,5 x 21,5 x 7,5 cm

Weight: 1,95 kg with disposable battery
2,10 kg with rechargeable battery

ENVIRONMENTAL

Operating temperature: 0° C to 55° C

Storing/Shipping temperature: -35° C to 60° C (without battery)

Humidity: 0% to 95% relative humidity non-condensing

Sealing (IP Protection): IEC 60529 class IP54; splash proof, dust protected

Shock/Drop Abuse Endurance: IEC/EN 60601-1 clause 21; 1 meter drop, impact, force, rough handling, mobile tolerance

Electrostatic Discharge: EN 61000-4-2

Electromagnetic Compatibility: EN 60601-1-2; Emission, Immunity

Electrical Protection: EN 60601-1 class I type BF

EC Directive: Class IIb

(*) Temperature at 20° C

MODEL NUMBERS

Code SVO-B0001: Semi-Automatic Standard Version at 200J
Code SVO-B0002: Semi-Automatic Power Version at 360J

Code SVO-B0847: Fully Automatic Standard Version at 200J
Code SVO-B0848: Fully Automatic Power Version at 360J

CONFIGURATION OPTIONS (Box Contents)

Conf-Norm: Standard Basic Configuration
(adult pads, disposable battery, carrying case)

Conf-Rech: Rechargeable Configuration
(adult pads, accumulator, charger station, carrying case)

6 YEARS
WARRANTY

Manufactured in Italy



SAVER ONE AED Series supplies and accessories

Training Solutions

Saver One T Basic (code SVT-B0008)

Saver One T Advanced (code SVT-B0008A)

A smart and easy-to-use AED Trainer providing realistic training for many responders simultaneously. Designed to meet needs of any instructor, it helps your responders learn to use defibrillators in simulated sudden cardiac arrest episodes for an extremely realistic training experience. A non-shocking unit that follows the 1, 2, 3-step operations of the Saver One defibrillator and guides responders, with voice prompts in various languages, from ECG analysis until shock and CPR. It is pre-configured with 10 realistic training scenarios manageable from distance with a wireless remote control and is equipped with a rechargeable battery which allows a 20 hours of continuous operating.

Both SAVER ONE T Versions come equipped with one set of Adult and Pediatric reusable training pads, a remote control, an accumulator with its charger, a quick reference card, an user manual and a carrying case.

The Advanced version provides to instructors 4 extra scenarios which can be fully customized via personal computer, once connected to AED Trainer with USB cable, using a dedicated software.



CPR Manikin (code MAN-B0608)

Half-Body Training Manikin for Cardiopulmonary Resuscitation Practice with acoustic indicator for the correct deepness of compressions.

Composed of a jointed and removable head, an openable torso enclosing a lung bag and its valve, a knob on the back with three different selections, Adult, Child or Neutral, corresponding to three kinds of manikin resistance to compressions.

The articulated head allows inflating lungs only if the head is in the correct position.



ECG Monitoring & Data Management

2-Lead ECG Cable (code SAV-C0017)

Suitable for SAVER ONE D and SAVER ONE P Defibrillators when used in ECG Monitoring mode. The alternative to pads in case of long-term monitoring to be connected to standard ECG electrodes.

Thermal Printer (code SAV-C0018)

Works with SAVER ONE D and SAVER ONE P Defibrillators optioned with the Print Ready Configuration (Conf-Print). Those are equipped with IrDA Port and therefore are able to communicate with this external thermal printer. Data saved into device can be selected from the menu and print it out as ECG format complete with case details.



2GB SD Card (code SAV-C0907)

This removable card holds approximately 100 hours of events, ECG information and voice recording. One card can hold data from multiple cases. A flash data card reader enables data transfer from the card to a personal computer for use with the Saver View Express data management software.

Saver View Express (code SAV-C0019)

Saver View Express is a comprehensive data management tool for the most demanding professional allowing to view and manage on your PC patient data downloaded from defibrillators. With fully detailed data screen to record every aspect of the treatment, including response times, interventions, and rescuer observations.

AIVIA «S» Basic Mounted Cabinet (code SAV-C0836)

Designed for an indoor use, combining strength and lightness with a polycarbonate cover and an ABS chassis. Access to AED is protected by coated seals. The front offers clear pictograms with the chain of survival and instruction for use.

Weight: 1,5 kg.
Dimensions (HxWxD): 400x341x198 mm



Wall Mount Bracket (code SAV-C0911)

Composed of metal material. Specifically designed for housing a SAVER ONE Defibrillator hold in its original carrying case.

Weight: 1,37 kg.
Dimensions (HxWxD): 230x255x155 mm

Carrying Case (code SAV-C0916)

Semi-Rigid, for a reliable protection and transport of Saver One Defibrillators. Accessories and spare batteries can be stored in its inside compartments. Made of special shockproof and splashproof material. Zipper opening and "D" ring to hook from the back.

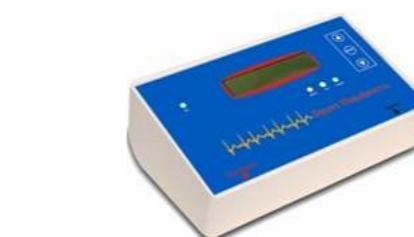


Fast Access Solutions

AIVIA 100 Alarmed Mounted Cabinet (code SAV-C0028)

Ergonomic with no sharp corners. Made of ABS and polycarbonate. Access protected by plastic seals. Internal grip strap to hold AED. Sensor for automatic day/night light (when dark the compartment lits up if opened). Opening the hood automatically triggers a visual alarm (flashing red LED) and an audio signal (hooter type: two tones 95 dB).

Weight: 3,5 kg.
Dimensions (HxWxD): 580x380x220 mm



Connecting Cable (code SAV-C0158)

Spare connecting cable for Smart Simulator S1.

Advanced Cabinets

AIVIA Family offers several combinations for the protection of AEDs even outside and/or for a complete surveillance.

The AIVIA 200 Series gives an outdoor protection from dust, humidity, rain, cold, etc.

The AIVIA 300 Series is able to protect and monitor AEDs giving a complete overview of their operating status.



Simulator / Tester

Smart Simulator S1 (code SSS-B0009)

This equipment can be used for a complete operating test of Saver One Defibrillators. It comes with a dedicated cable to be plugged to any Saver One AED in order to let it run as it was a real lifesaving treatment. Able to simulate several ECG rhythms (VF, VT, NSR, Asystole, etc.) and display the energy level discharged, up to 360J.

