

SAVER **ONE** SERIES

the new generation

Saver One

AED
series



CE
0051



**North Italy
Office**
Viale Gran Sasso, 11
20131 Milano - Italy
Tel: +39.02.20509246
Fax: +39.02.29520839

www.amiitalia.com

**South Italy
Office & Production**
Via Cupa Reginella, 15
80010 Quarto - Italy
Tel: +39.081.8060574
Fax: +39.081.8764769

info@amiitalia.com

www.amiitalia.com

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



Saver One D[®]

the AED goes beyond

SAVER ONE D is a rugged, small and lightweight AED with ECG Monitoring capability. Totally reliable for trained users featuring advanced capacities to help improve lifesaving outcomes.

THE RIGHT CHOICE FOR HARSH, OUTDOOR OR MOBILE USE

While in AED mode, it allows the user to view the ECG and everything needed to know about the patient and ongoing rescue treatment on a very large (12x8 cm) full-color interactive display. Additionally the SAVER ONE D can be switched in a ECG Monitoring mode, to allow for watch over the rhythm and heart rate while using defibrillation pads or standard ECG electrodes connected to a separate cable.

Practical and flexible with Advanced PBLs feature enabling healthcare providers to use the 15:2 CV ratio when performing a Pediatric Basic Life Support, as required by Guidelines if more than one rescuer with a duty to respond.

Great graphical interface in tandem with instructive voice prompts to guide rescuers

Functionality ensured by **automatic daily self-test**

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

More alternatives for recording and transfer data **internal memory**, removable card, **USB**, and **IrDA Port** optional with Print Configuration

Biphasic technology **up to 360J energy**

Unique features combined with available configurations give rise to exclusive devices

Meet AHA/ERC 2010 Guidelines



AED ECG Monitoring

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.

Service Mini-Screen: In standby the mini LCD screen displays a check mark confirming AED is ready for use and a battery gauge informing about the residual charge. Will run error codes in faulty conditions.

Helpful Menu: 3 buttons for navigating the software menu to set up device at user leisure: adjust the local date or time, adapt the screen or volume to ambient lights and noises, exclude the microphone while recording events, select a different language, print out the ECG files or simply get information on device and battery.

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 Adult or Pediatric proper electrodes. Device senses when Pediatric pads are installed and automatically adjusts to use a more appropriate lower energy level (50J).

DEFIBRILLATOR

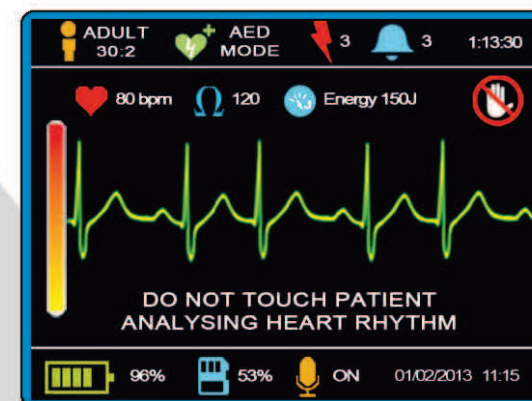
Operation:	AED Semi-Automatic ECG Monitoring capability
Energies:	Standard max 200J or Power max 360J
Waveform:	Adaptive BTE (biphasic truncated exponential) conforming to patient chest's impedance
Energy type:	Escalating from 50 to 360J
Protocols:	Various adult shock protocols available on request
Factory 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:	ON/OFF, Shock button, 3 touch to surf the Menu
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

ECG MONITORING

Operation:	Through defibrillation pads or standard ECG electrodes attached to a separate 2-Lead patient monitoring reusable cable SAV-C0017
ECG Size:	Automatic gain controlled by the display
Heart Rate:	30-300 bpm
Sweep Speed:	25 mm/sec

5.7" TFT Color Display

the most detailed and comprehensive screen provides valuable information to rescuers running text and interactive graphics in tandem with voice messages



ABOUT DEVICE:

a battery gauge with residual capacity
the indicator of available memory for recording
a notice if the microphone is active or OFF
the local date and time

ABOUT RESCUE:

the adult or child protocol in use
the modality in use (AED or ECG)
the fibrillation and shock counts
the elapsed rescue time
the heart rate (bpm)
the impedance (ohms)
the ECG waveform
a touch/not touch pictogram
a charging bar graph if device charges
the energy level to be delivered (joule)
a CPR bar graph as countdown
a CPR cycles count

BATTERY OPTIONS

Type:	LI-SOCI2 Disposable, code SAV-C0903
Autonomy:	250 complete rescue cycles (shocks at 200J and CPR) or 160 complete rescue cycles (shocks at 360J and CPR) or 24 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:	200 shocks at 200J or 110 shocks at 360J or 14 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 cm ² conductive surface
Pediatric:	Code SAV-C0016 for patient from 1 to 8 years old or <25Kg 31 cm ² 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:	2,30 kg with disposable battery 2,45 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 / CF
EC Directive:	Class IIb

(*) Temperature at 20° C

MODEL NUMBERS

Code SVD-B0004:	Standard Version with maximum energy at 200J
Code SVD-B0005:	Power Version with maximum energy 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)
Conf-Print:	Print Ready Configuration (adult pads, disposable battery, carrying case, IrDA port and thermal printer)
Conf-Rech/Print:	Rechargeable & Print Ready Configuration (adult pads, accumulator, charger station, carrying case, IrDA port and thermal printer)

6 YEARS WARRANTY
Manufactured in Italy
IMQ mark for Safety & Quality
CE 0051

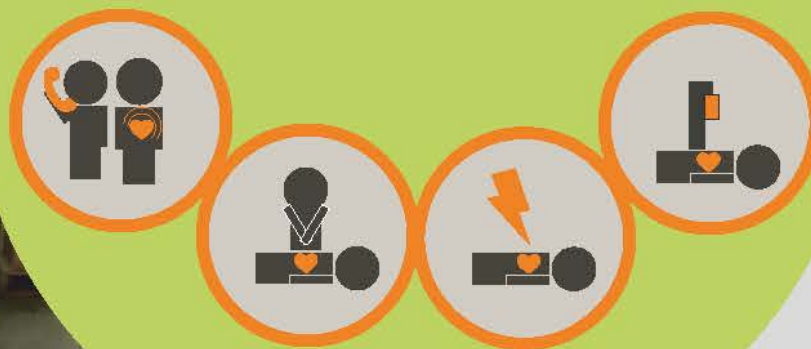
the importance of AEDs....

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

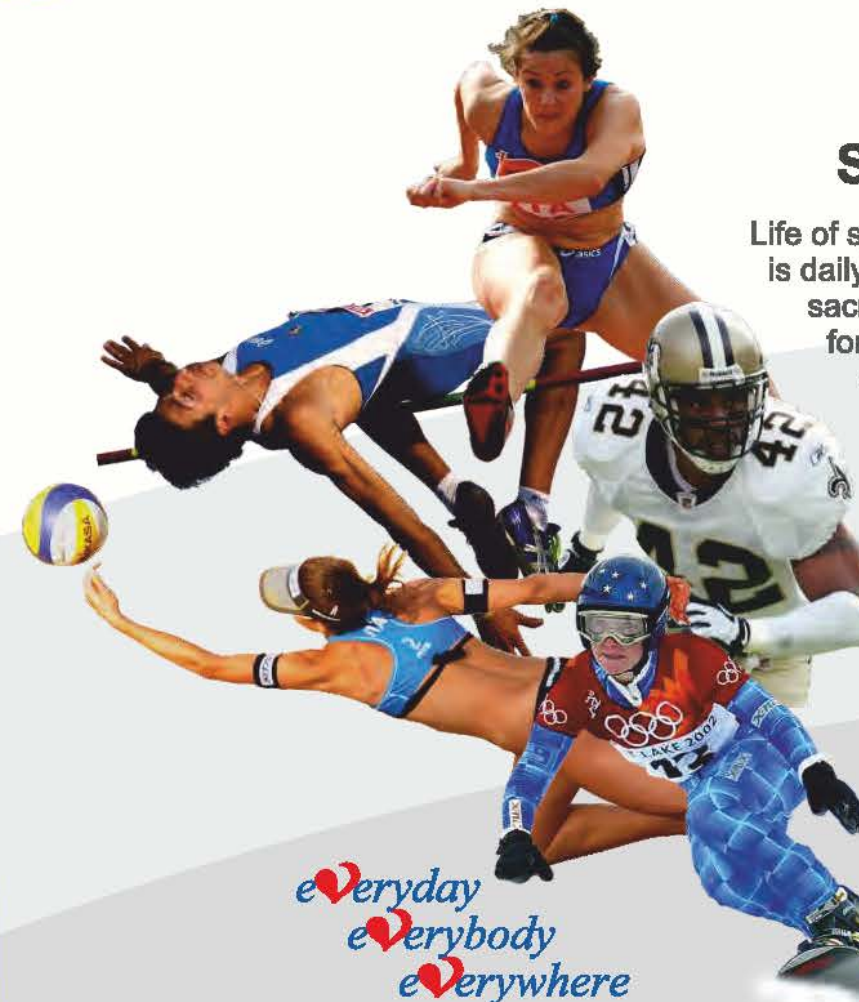
Every day, millions of students around the world are participating to physical activities such as basketball, football, volleyball or just at their gym class. Heart disease tends to go undetected and often manifest itself only during physical activities. Schools should be equipped with AEDs because in 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 olunteers 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 AED Series supplies and accessories

TRAINING SOLUTIONS

SAVER ONE T (code SVT-B0959)



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.



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 DATAMANAGING

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.

FAST ACCESS SOLUTIONS

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

Designed for an indoor use, combining strenght 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.



AVIA 100 Alarmed Mounted Cabinet (code SAV-C0028)

Ergonomic with no sharped 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



Advanced Cabinets

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

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

The AVIA 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.

Connecting Cable (code SAV-C0158)

Spare connecting cable for Smart Simulator S1.

Saver One

