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

Saver One D®

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-SOCl2 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 cm² conductive surface
Pediatric:	Code SAV-C0016 for patient from 1 to 8 years old or <25Kg 31 cm² conductive surface
Cable lenght:	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

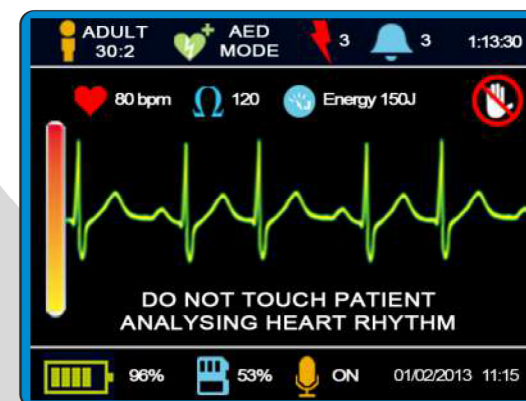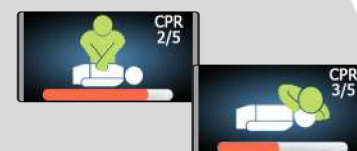|	
Size:	26,5 x 21,5 x 7,5 cm
Weight:	2,30 kg with disposable battery 2,45 kg with rechargeable battery

ENVIRONMENTAL

Operating temperature:	0º C to 55º 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; slash 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 Protecion:	EN 60601-1 class I type BF / CF
EC Directive:	Class IIb

(*) Temperature at 20º 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