

# Sa<sup>ver</sup> One *P*

AED with ECG & Manual override

a tough, small and lightweight defibrillator  
easy to carry and use anywhere



**AED**  
series  
MADE IN ITALY

**Manual Defibrillation and Cardioversion**  
**Detailed Larger ECG Display**  
**Basic Cardiac Monitoring**  
**Long-Lasting Batteries**

 **ami.italia**  
medical products

## handy professionalism

Highly flexible and versatile with advanced capabilities

Solid, small and lightweight (<2 kg) with comfortable carrying handle

AED for Basic Life Support (BLS)

Advanced Pediatric BLS

Manual defibrillation and electric cardioversion (synchronized shock) to meet Advanced Life Support (ALS) professionals

ECG Monitoring capability

Two energy versions: Standard max 200 Joules or Power max 360 Joules

Adult shock protocols customizable

Automatic self-test with status LED indicators for device and battery

Long-life battery options

Menu for device settings

Capable on adult (>8 years or >25Kg) and children (1÷8 years old or <25Kg)

Disposable multifunction pads with 30 months shelf-life

Print-Ready configuration (if option purchased) to print out saved ECG on a thermal printer through the IrDA port

Various configurations options

Meet AHA/ERC Guidelines

5 Years Warranty



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**AEDs MADE in ITALY**

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Extremely easy to use: an AED (per default) reliable for BLS rescuers which can be simply switched to a MANUAL Mode giving to ALS responders the best decision-making control for a manual shock timing or an electric cardioversion (synchronized shock).

A high-resolution LCD display allows responders to visualize a patient's ECG while using defibrillation pads or the reusable 2 or 3-lead monitoring cable.

### Maintenance-Free

Automatically performs daily, monthly and six-month extensive self-tests of internal circuitry, waveform delivery system, calibrations and battery capacity. Further to user-activated self-tests upon battery insertion and when turned on.

Visible status indicators show at glance whether the device and its battery are ready for use.

### CPR Coaching

Voice and text and bar graphs to assist responders during the CPR, providing instructions and audio cues with a metronome for the appropriate number and rate of chest compressions. This feature can be switched off when using a Manual modality.

### Advanced Pediatric BLS

The first defibrillator designed for healthcare providers with a duty to respond who during a Pediatric Basic Life Support should use a 15:2 CV ratio (required by AHA/ERC, if more than one rescuer).

### Menu to Setup

Possibility to set the device through the menu to change the local date or time; adapt the volume or the screen contrast; select a different language; put off the support for CPR; exclude the microphone for recordings; print out saved ECG files and/or simply get device and battery information.

### Defibrillator

*Waveform:* Adaptive BTE (Biphasic Truncated Exponential)

*Energy Type:* Escalating from 50 to 360J

*AED Mode Energy:* fixed 50J pediatric  
150, 200, 200J adult standard (preconfigured shock protocol)  
200, 250, 360J adult power (preconfigured shock protocol)

*Manual Mode Energy:* selected by operator from 50 to 360J

*Energy Display:* screen provides the energy to deliver both in Manual and AED mode

*AED Function:* Semi-Automatic defibrillator. Auto analyze and charge and shock with preconfigured auto energy level

*Manual Function:* Synchronous, Asynchronous, ECG monitor

*Charge Time:* ≤9 seconds with a new fully charged battery. Depleted battery will result in a longer charging time

*Algorithm:* Intelligent arrhythmia detector evaluates chest's impedance and determines if defibrillation is required

*Shockable Rhythms:* Ventricular Fibrillation (VF) and complex Ventricular Tachycardia (VT) or Supraventricular (PSVT)

*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, Energy, Charging, 3 Menu buttons

*Status Indicator:* Green LED for device status and red LED for battery status

### ECG Monitoring

*Patient Connection:* Defibrillation Pads or ECG electrodes with a reusable 2 or 3-Lead patient cable

*ECG Size:* Automatic gain controlled by the display

*Heart Rate:* 30-300 bpm

### Display

*Screen Type:* 5.7" high resolution (480x320) LED backlight

*Screen Size:* 12 x 8 cm

*Sweep Speed:* 25 mm/sec

*Displayed Information:* Modality in use, energy level to deliver, heart rate, impedance (ohms), ECG waveform, text prompts, CPR bar graph, charging bar graph, battery gauge, elapsed time, number of shocks delivered, number of fibrillation detected, local date and time, device error messages

### Data Recording

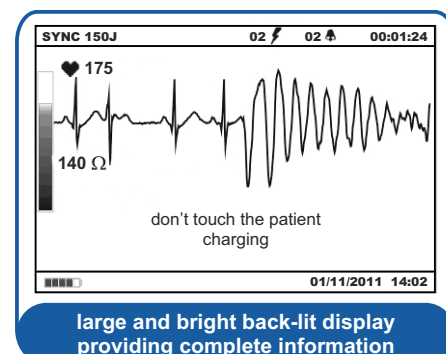
*Type:* Optional xD card or Smart Media Card 1GB and internal 64MB memory for subsystems

*Memory Capacity:* with microphone enabled, 40 hours of ECG, operator voice and device events or 382 hours of ECG data only, without audio recording

*Data Recording:* "AEDFILES" with complete recorded events and "AED1LOG" file with fully detailed device self-test activity

*Event Reporting:* "Saver View Express" PC review software

*Communications:* IrDA infrared wireless (optional) for printing ontime ECG on external thermal printers



large and bright back-lit display providing complete information

### Battery Options

*Type:* Li-Ion Accumulator (rechargeable)

*Recharge Time:* 2,5 hours with the battery charger station SAV-C0014 (temperature 20°C)

*Autonomy:* 400 shocks or 15 hours ECG Monitoring for a new and fully charged accumulator (temperature 20°C)

*Shelf-Life:* 2,5 years or 300 charging cycles (temp. 20°C)

*Type:* LiMnO2 Disposable

*Autonomy:* 250 shocks or 9 hours ECG Monitoring for a new and fully charged battery (temperature 20°C)

*Standby-Life:* 4 years (temperature 20°C)

### Physical

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

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

*External Case:* Medical grade ABS

*Patient Safety:* All patient connections are electrically completely isolated

*Directive 2007/47/EC:* Class IIb

### Environmental

*Temperature:* Operating: 0° C to 55° C

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

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

*Dustproof/Waterproof Protection:* IEC 60529, IP54

*Electrostatic Discharge:* EN 61000-4-2

*Electromagnetic Interference, Radiation:* EN 60601-1-2

*Electromagnetic Interference, Protection:* EN 60601-1-2

*Electromagnetic Compatibility (EMC):* CISPR 11 Class B Rated and Conducted Emissions

*Mechanical Strength:* clause 21 EN 60601-1 (drop from 1 meter, impact, force, rough handling, mobile tolerance)

### Item & Configuration Options

*Codes:* SVP-B0006 for the Standard Version at 200J or SVP-B0007 for the Power Version at 360J

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

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

*Conf-Print:* Print Ready Configuration (IrDA port, thermal printer, battery, adult pads, carrying case)

*Conf-Rech/Print:* Rechargeable and Print Ready Configuration (IrDA port, thermal printer, accumulator, charger station, adult pads, carrying case)