

Sa^{ve}er One *D*

AED with ECG Monitoring

a rugged automated external defibrillator, small and lightweight
the right choice for harsh, outdoor or mobile use



AED
series
MADE IN ITALY

Fully Detailed Larger Display
Basic Cardiac Monitoring
Greater Portability

 **ami.italia**
medical products

acting differently

Practical and flexible with advanced capabilities

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

Automated External Defibrillator for Basic Life Support (BLS)

Advanced Pediatric BLS

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 for the best portability

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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Specifications subject to change without notice

An extremely intuitive Automated External Defibrillator (AED) primarily designed for paramedics and lay responders trained to save lives in any circumstances.

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

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

Energy Display: screen provides the energy to be delivered
AED Function: Semi-Automatic defibrillator. Auto analyze and charge and shock with preconfigured auto energy level

Other Function: ECG Monitoring

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 wide complex Ventricular Tachycardia (VT)

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 buttons for the Menu

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 monitoring cable

ECG Size: Automatic gain controlled by the display

Heart Rate: 30-300 bpm

Display

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

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

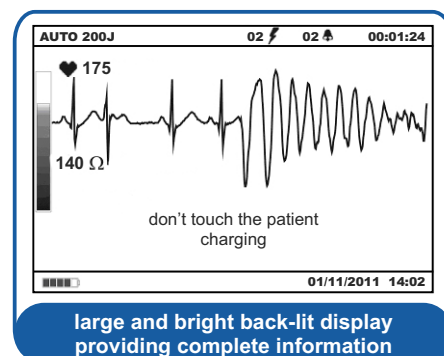
Type: Optional xD card or Smart Media Card 1GB and internal 64MB memory for subsystems

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: SVD-B0004 for the Standard Version at 200J or SVD-B0005 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)