

Welch Allyn® AED 10

Saving a life is as simple as 1-2-3.™



Welch Allyn AED 10

- Intuitive design—easy “1-2-3” operation
- Compact size—ideal for small spaces
- Follows American Heart Association energy protocols
- High-resolution backlit display—easy viewing in direct sunlight or poor lighting environments
- Lightweight— the lightest weight device in its class
- High-performance, long-life lithium battery
- Internal memory
- Welch Allyn Biphasic Technology
- Wireless (IR) Communications—“beam” data to PC or printer
- Battery life gauge

The AED 10 is part of Welch Allyn's complete range of diagnostic and therapeutic cardiology products. From defibrillators, to monitors, to ECGs, to Holters, to ABPMs and more - you can count on Welch Allyn cardiac products to meet your every need.

When it comes to simplicity and compact design, the Welch Allyn AED 10 is ready for the rescue. This instrument was designed for simple operation and quick deployment by the minimally trained or infrequent user.

Using the proven “1-2-3” rescue approach, the AED 10 is ideal for the infrequent and basic rescuer. By following text messages together with voice prompts, virtually anyone can operate this lifesaving device. The instrument automatically determines if a lifesaving shock is required and protects against inappropriate delivery of a shock. Focused on simplicity, the Welch Allyn AED 10 promotes a quick, no-hesitation response.

At just 3.5 pounds (including the extended life, heavy-duty battery) the Welch Allyn AED 10 is small, lightweight, and portable. The compact and lightweight design promotes quick and immediate deployment by virtually anyone – wherever sudden cardiac arrest occurs.

AEDs are now being placed in a wide range of business and public settings... and the Welch Allyn AED 10 is leading the way by helping rescuers respond quickly to an emergency. This compact AED is available with a durable carrying case (optional) and can be stored in a compact wall cabinet (optional). High-performance, long-life, maintenance-free lithium batteries power the AED 10, and it is backed by a five-year limited warranty.

WelchAllyn®

Advancing Frontline Care

Welch Allyn® AED 10



Compact, lightweight design.



Rugged carrying case.



Ready for rescue.

DEFIBRILLATOR

Output: Welch Allyn Biphasic Truncated exponential
Energy Select: 150, 200, 300J or 200, 300, 360J (user configurable)
Charge Time: Less than 5 seconds to 150J, less than 15 seconds to 360J
Analysis Time: 4-16 sec
Audible Prompts: 18 audible prompts
Visual Prompts: 20 text screen prompts
Controls: Four buttons - On/Off, Shock, and 2 software configurable buttons
Accuracy: $\pm 10\%$ or 1J (whichever is greater) at 50 Ω

DISPLAY

Size: 54 x 36 mm
Type: Backlit monochrome LCD
Display Resolution: 160 x 100 pixels
Low Battery Indicator: Battery Icon gauge on display with 10 capacity levels

BATTERY

Non-Rechargeable: LiMnO₂ 12V, 2.6 Ah
Capacity: 90 discharges at 360 Joules or 125 discharges at 200 Joules or 150 discharges at 150 Joules or 5 hours ECG monitoring
Shelf Life: (25°C \pm 15°C) 10 years (5 years storage + 5 years standby); 5 years standby (after installation)*
* Capacity may be diminished at operating temperature extremes

GENERAL

Weight: 3.5 lbs. with battery (1.6 kg)
Size: 8.25" x 6.875" x 2.75" (210 x 175 x 70 mm)
Operating Temperature: 0° to 50°C
Storage Temperature: -30° to 70°C (without battery)
Humidity: Up to 95% or 10° to 95°C (non-condensing)
Altitude: Up to 15,000 feet (-150 to 4570 m)
Shock: Mil Std 810E method 516.4, procedure 1 (40G, 6-9ms pulse, 1/2 sine each axis)
Vibration: Mil Std 810 method 514.4, category 1
Water resistance: IEC 529 IPX4
Drop Test: Mil Std 810F method 516.5 Procedure IV (1 meter drop onto any edge, corner, or surface)

ELECTRICAL ISOLATION

Power: Unit operates on internal battery only
External Electrical Connections: No external devices are attached to the unit
Risk Current Category: Class II equipment with defibrillator-proof BF type patient applied parts (as per definition of IEC 60601-1 standard)

ELECTROMAGNETIC COMPATIBILITY

Radiated Emissions: EN55011; CISPR11 B
ESD: EN61000-4-2; 8KV air 6KV contact
Radiated Susceptibility: EN61000-4-3 (10 V/m (20 v/m EN60601-2-4))
Magnetic Field Emissions: MIL STD RE101 (AAMI DF 24.3.18.1)
Magnetic Field Susceptibility: MIL STD RS101 1 Gauss, 47 Hz-1.8 KHz

DATA MANAGEMENT

Event Documentation: Internal
Internal Memory Capacity: 1MB: 250 4-sec ECG samples or 3000 time stamped events
Quick Report: Treatment Summary, Event Log, Test Log
Communication: RS-232 via Infrared (IR) port to PC or printer with SmartLink or SmartLink Lite Software

ORDERING INFORMATION

970300* Welch Allyn AED 10

Includes: one high-performance PowerStick™ 2+ non-rechargeable lithium battery, advanced operators manual, quick reference card, in-service video, one set of multifunction defibrillation pads and a 5-year limited warranty program

970302* Welch Allyn AED 10 Portable Quick Response Kit

Includes all the features and accessories of the 970300 plus one rugged soft shell carrying case

Storage and mounting options available

(* denotes required language and labeling designation. All languages listed below are available and user-selectable from the Welch Allyn AED 10 "supervisor" menu.)

E=English (North American) • U=English (United Kingdom) • S=Spanish • F=French • G=German • I=Italian • P=Portuguese



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