

Welch Allyn AED 10™

Simple operation. Life-saving results.



Medical Device Depot
Inc.
www.medicaldevicedepot.com
1-877-646-3300

WelchAllyn®
Advancing Frontline Care™

Saving a life can be as easy as “1-2-3”™

Each year, thousands of otherwise healthy individuals suffer sudden cardiac arrest (SCA). At work, in the gym, even in the doctor’s office—SCA can strike anyone, anywhere, at just about any moment. And without immediate defibrillation, a victim’s hope for survival is slim.

That’s why Welch Allyn created the AED 10 (automated external defibrillator). Trusted by doctors for innovative products for almost 100 years, Welch Allyn designed the AED 10 with the minimally trained rescuer in mind. The Welch Allyn AED 10 allows the first person on the scene of SCA to administer life-saving treatment—without losing precious time waiting for emergency responders. By using the straightforward and proven “1-2-3” rescue approach, the AED 10 promotes a quick, no-hesitation response when SCA strikes. Because when SCA occurs, every second counts.

Easy to use as “1-2-3”

- STEP 1** Press the large green ON button.
- STEP 2** Voice and text prompts guide the first responder through the rescue from beginning to end. Color-coded pads with illustrations simplify pad placement.
- STEP 3** Deliver treatment if necessary—The device will not deliver a shock unless the patient requires one.



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“With AEDs now in airports, schools and malls, people will expect to see them in their doctor’s office. Having an easy-to-use device like the Welch Allyn AED 10 will become the standard of care.”

Bruce Bagley, M.D.
Glens Falls, NY

with the Welch Allyn AED 10™

Dependable

- > Industrial-grade nonrechargeable battery provides up to 5 years of standby performance
- > Easy-to-read status indicator as well as an audible “chirp” indicator will alert the user when the battery is low
- > Runs weekly self-tests to ensure readiness and continuously monitors battery status
- > Backed by a five-year limited warranty with free loaner program
- > Dual-tone metronome CPR coaching with configurable compression rate for accurate timing of chest compression and recoil
- > Configurable CPR timer
- > Meets both Guidelines 2005 and Guidelines 2000 protocols: configurable shock cycle and CPR protocols provide the flexibility to change protocols on your own Guidelines 2005 training and implementation schedule



Advanced Technologies

- > Features Welch Allyn low-current, load-compensating biphasic technology that tailors therapy to the patient
- > Energy protocols can be configured to meet user preferences—default setting is escalating energy at 200, 300, 360 joules
- > Reusable AED pediatric energy-reducing solution lowers cost of ownership for the device
- > Wireless (IR) report communications—“beam” data to PC for printing
- > On-board library of multiple languages
- > High-resolution backlit display provides easy viewing in direct sunlight or in poorly lit environments



“I never thought I’d need an AED in my office until I had to save the life of a patient who came in only for a consultation.”

Christopher J. Saal, D.D.S., M.D.
Diplomat: American Board of Oral and Maxillofacial Surgery
Oral and Facial Surgery Center, Houma, LA



“We are confident in knowing that if called upon to use the AED 10 in the field, this simple-to-use unit can dramatically improve the odds of surviving cardiac arrest.”

Dan DeDe
Corporal/Medical First Responder and CPR Trainer
Pasco Sheriff's Office, Land O' Lakes, FL



“Because of our dependable Welch Allyn AED, we were able to save the life of one of our club members who had collapsed during a morning workout. It was a great feeling when he called us a few days later to express his gratitude.”

David Creech
VP, DeSoto Athletic Club, South Haven, MS



Ensure your AED is safe to use on children with the Welch Allyn Pediatric Energy Reducer

Most AEDs are designed for use on adults and should not be used on young children. With Welch Allyn's newest technological innovation—the Pediatric Energy Reducer—Welch Allyn AEDs can be safe to use on children under the age of 8 or under 55 lbs. This innovative device automatically delivers only one quarter of a full adult energy dose—without making any changes to the existing AED.

This compact, reusable device snaps in and out of Welch Allyn AEDs, and is designed to work with Welch Allyn's standard compact AED pads—eliminating the need to stock costly pediatric pads.

- > Safe to use on children under 8 years old or under 55 lbs
- > Delivers one-quarter of full adult energy dose
- > Low cost of ownership—no pediatric pads to purchase
- > This reusable device does not need batteries



Welch Allyn Pediatric Energy Reducer



The Welch Allyn Ready Program Protecting your employees and your investment.

What is The Welch Allyn Ready Program?

The Welch Allyn Ready Program is a proactive, comprehensive AED program solution that includes constant communication between your company point of contact and Welch Allyn. This ensures that your AEDs are ready to use at that critical moment.

The Welch Allyn Ready Program is your partner through every step of the process.



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Welch Allyn AED 10™ Specifications

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: 32 to 122 °F (0 to 50 °C)
Storage Temperature: -22 to 158 °F (-30 to 70 °C) without battery
Humidity: Up to 95% noncondensing
Altitude: Up to 15,000 feet (-150 to 4570 m)
Shock: Mil Std 810E method 516.4, procedure 1 (40 G, 6-9 ms pulse, 1/2 sine each axis)
Vibration: Mil Std 810 method 514.4, category 1
Ingress Protection: IEC 60529 IP24
Drop Test: Mil Std 810F method 516.5, procedure IV (1-meter drop onto any edge, corner, or surface)

Defibrillator

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

Display

Size: 2.1" x 1.4" (54 x 36 mm)
Type: Backlit monochrome LCD
Display Resolution: 160 x 100 pixels
Low Battery Indicator: Battery icon gauge on display with 4 capacity levels

Ordering Information

970311-E Welch Allyn AED 10™ Rapid Response Kit

Includes: one Welch Allyn AED 10, two high-performance PowerStick™ 2+ nonrechargeable lithium batteries, two sets of multifunction defibrillation pads, one reusable pediatric energy reducer, one Welch Allyn first responder prep kit, In-Service Video/Operators Manual on CD, quick reference guide, one rugged soft-shell carrying case and a 5-year limited warranty program

970302E Welch Allyn AED 10™ Portable Quick Response Kit

Includes: one Welch Allyn AED 10, one high-performance PowerStick™ 2+ nonrechargeable lithium battery, one set of multifunction defibrillation pads, In-Service Video/Operators Manual on CD, quick reference guide, one rugged soft-shell carrying case and a 5-year limited warranty program

Battery

Nonrechargeable: LiMnO₂ 12 V, 2.6 Ah
Capacity: 90 discharges at 360 J or 125 discharges at 200 J or 150 discharges at 150 J or 5 hours' ECG monitoring
Shelf Life: 77 °F ± 59 °F (25 °C ± 15 °C) 10 years' (5 years' storage + 5 years' standby); 5 years' standby (after installation)*
*Capacity may be diminished at operating temperature extremes

Electrical Isolation

Power: Unit operates on internal battery only
External Electrical Connections: No external devices are attached to the unit
Risk Current Category: Internally powered 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; 8 kV air, 6 kV contact
Radiated Susceptibility: EN61000-4-3 (10 V/m (20 V/m EN60601-2-4))
Magnetic Field Emissions: AAMI DF2 4.3.18.1)

Data Management

Event Documentation: Internal
Internal Memory Capacity: 1 MB (250 4-sec ECG samples or 3,000 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

Accessories

00185-2	AED 10 Nonrechargeable Lithium Battery
00185-3	Defibrillation Pads
00213-7	AED Prep Kit
0-02180	AED 10 Wall Cabinet
0-02179	AED 10 L-Shaped Bracket
002173-U	Pediatric Energy Reducer for AED 10
90043-2	AED 10 Heart Logo Carrying Case
980150-E	Welch Allyn AED 10 Trainer
999912-E	AED Program Management 1st year of service



To learn more about the Welch Allyn AED 10, contact your local authorized Welch Allyn distributor or call Welch Allyn Customer Service at 1.800.535.6663.



The ADA Council on Scientific Affairs' acceptance of Welch Allyn's AED 10 is based on its findings that the product is effective in treating patients in ventricular fibrillation, a common cause of sudden cardiac arrest, when used as directed.

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