Welch Allyn AED 10™

# Simple operation. Life-saving results.

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 surgery—SCA can strike anyone, anywhere, at just about any moment. And without immediate defibrillation, a victim's hope for survival is slim.

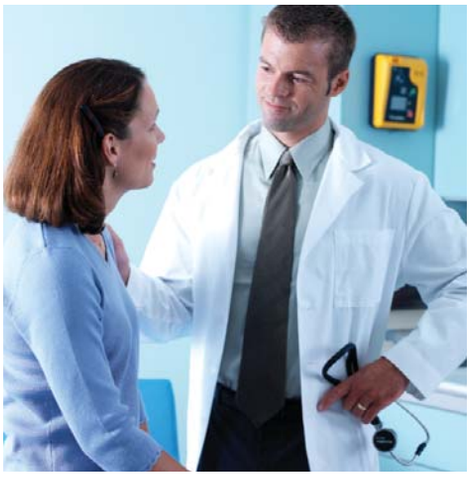
That's why Welch Allyn created the AED 10 (automated external defibrillator). Trusted by doctors for innovative products for almost 100 years, Welch Allyn designed the AED 10 with the minimally trained rescuer in mind. The Welch Allyn AED 10 allows the first person on the scene of SCA to administer life-saving 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. Colour-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.



"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™

## Safe

> Safe to use on children under 8 years old or under 25 kg with Paediatric Energy Reducer

Welch Allyn
Paediatric Energy Reducer

## Dependable

> Industrial-grade non-rechargeable 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 programme

> Dual-tone metronome CPR coaching with continuous compression rate for accurate timing of chest compression and recall

> 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

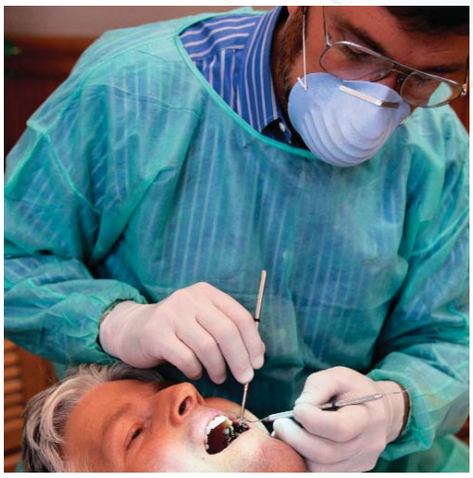
> Energy protocols can be configured to meet user preferences—default setting is escalating energy at 200, 300, 360 joules

> Reusable AED paediatric energy-reducing solution lowers cost of ownership for the device

> Wireless (IR) report communications—"beam" data to PC for printing

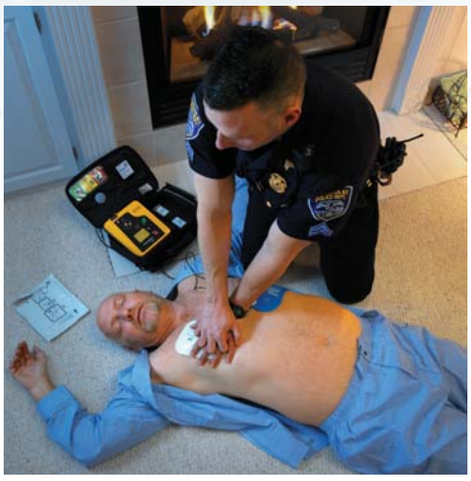
> On-board library of multiple languages

> 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

# Welch Allyn AED 10™ Specifications

## General

**Weight:** 1.6 kg with battery
**Size:** 210 x 175 x 70 mm
**Operating Temperature:** 0° to 50°C
**Storage Temperature:** -30° to 70°C without battery
**Humidity:** Up to 95% noncondensing
**Altitude:** -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 metre 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:** 4-16 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:** 54 x 36 mm
**Type:** Backlit monochrome LCD
**Display Resolution:** 160 x 100 pixels

## Battery

**Non-rechargeable:** $LiMnO_2$ 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:** 25°C ± 15°C (77°F ± 59°F) 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 DF24.3.18.1

## 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 with SmartLink™ Event Pro or SmartLink™ Lite Software

# Ordering Information

**970311-E / 970311-U Welch Allyn AED 10™ Rapid Response Kit**
**Includes:** one Welch Allyn AED 10, two high-performance PowerStick™ 2+ non-rechargeable lithium batteries, two sets of multifunction defibrillation pads, one reusable paediatric 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 programme

**970302-E Welch Allyn AED 10™ Portable Quick Response Kit**
**Includes:** one Welch Allyn AED 10, one high-performance PowerStick™ 2+ non-rechargeable 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 programme

ADA ACCEPTED American Dental Association

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.

# Accessories

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|---|---|
| 001852-E | AED 10 non-rechargeable Lithium Battery |
| 001857-E | Defibrillation Pads |
| 00213-7 | AED Prep Kit |
| 0-02180 | Wall Cabinet with alarms |
| 0-02179 | L-shaped bracket |
| 002173-U | Paediatric Energy Reducer for AED 10 |
| 90043-2 | AED 10 Heart Logo Carrying Case |
| 980150-E | Welch Allyn AED 10 Trainer |

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


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