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## Create a “heart-safe” office or facility by developing an AED Response Programme

Creating an AED Response Programme to prepare your practice or facility for a cardiac emergency means both purchasing an AED and developing a plan to ensure readiness.

Welch Allyn will be there to help set up a plan in your facility to make sure that someone is always trained to deploy the device.

### Depend on Welch Allyn

Welch Allyn is a trusted name to frontline rescuers around the world, and for good reason. For almost 100 years, we’ve been applying innovation in ways that help them deliver more advanced and comprehensive care to their patients. Frontline rescuers rely on our pioneering defibrillation technology—with experience that spans over 35 years. Welch Allyn defibrillators can be found in military installations, hospitals, doctors’ surgeries, ambulances, dental practices, public places and even homes\*.

\*Some countries may require a prescription.

**WelchAllyn®**

Advancing Frontline Care™

# 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% at 10° to 95°C non-condensing  
**Altitude:** Up to -150 to 4570 m  
**Shock:** Mil Std 810E method 516.5, procedure 1 (40 G, 6-9 ms 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 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  
**Low Battery Indicator:** Battery icon gauge on display with 10 capacity levels

## Battery

**Non-rechargeable:** LiMnO<sub>2</sub> 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 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:** 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; 8 kV air, 6 kV 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:** 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™ or SmartLink Lite Software

## Ordering Information

**970311-E Welch Allyn AED 10™ Rapid Response Kit (EUR)**  
**970311-U Welch Allyn AED 10™ Rapid Response Kit (UK)**  
**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, advanced operator's manual, quick reference card, in-service CD, one rugged soft-shell carrying case and a 5-year limited warranty programme

**970302E 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, advanced operator's manual, quick reference card, in-service CD, one rugged soft-shell carrying case and a 5-year limited warranty programme

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



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.

## UK Customer Services

Welch Allyn UK Ltd, Cublington Road, Aston Abbots, Buckinghamshire HP22 4ND, England  
Tel: +44 (0) 207 365 6780 Fax: +44 (0) 207 365 9694

Welch Allyn South Africa (Pty) Ltd, 394 Surrey Avenue, Ferndale, Randburg, 2194, South Africa  
P O Box 809, Fontainebleau, South Africa 2032  
Tel: +27 (0) 11 777-7555 Fax: +27 (0) 11 777-7556

Welch Allyn European Customer Services,  
Navan Business Park, Dublin Road, Navan, Co. Meath, Republic of Ireland  
Tel: +353 46 90 67790 Fax: +353 46 90 67754

## Accessories

00185-2 AED 10 Non-rechargeable Lithium Battery  
001857-E Defibrillation Pads  
00213-7 AED Prep Kit  
002156-E Wall Cabinet  
002173-U Paediatric Energy Reducer for AED 10  
90043-2 AED 10 Heart Logo Carrying Case  
980150-E Welch Allyn AED 10 Trainer



**WelchAllyn®**

Advancing Frontline Care™

Welch Allyn AED 10™

Simple operation. Life-saving results.



**WelchAllyn®**

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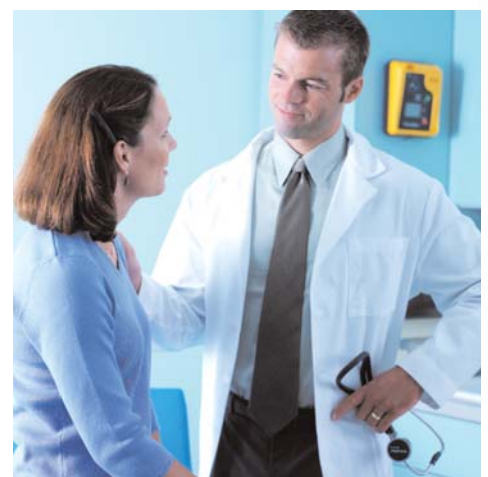
# Saving a life can be as easy as "1-2-3"<sup>™</sup>

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™

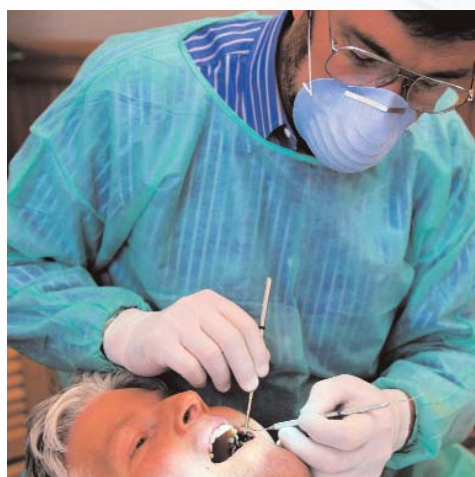
## Dependable

- > 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



## 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
- > 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



## Ensure your AED is safe to use on children with the Welch Allyn Paediatric 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 Paediatric Energy Reducer—Welch Allyn AEDs can be safe to use on children under the age of 8 or under 25 kg. 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 paediatric pads.

- > Safe to use on children under 8 years old or under 25 kg
- > Delivers one-quarter of full adult energy dose
- > Low cost of ownership—no paediatric pads to purchase
- > This reusable device does not need batteries

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Welch Allyn Paediatric Energy Reducer