

# AED Pro®

## A Flexible AED with Advanced Features



### High-Quality CPR and Minimal Pausing, Every Time

Real CPR Help® provides you with real-time feedback on both the rate and depth of chest compressions to enhance CPR resuscitation quality. A bar graph, along with a metronome, guides you to achieve optimal compression levels. See-Thru CPR® filters CPR artifact to display a patient's underlying ECG rhythm to reduce interruptions in compressions, allowing the professional rescuer to see underlying organized rhythms during resuscitation.

### Advanced Capabilities for Professional Rescuers

Three-lead patient monitoring and manual override offer more flexibility in monitoring, analyzing, and delivering treatment.

### The Real Difference in Defibrillation

When a shock is needed, ZOLL's Rectilinear Biphasic™ waveform (RBW) provides more current, more defibrillation efficacy, and less risk. RBW was designed specifically for external defibrillation to control for variations in patient impedance.

### Reliable and Durable, Anywhere

- Exclusive IP55 dust-water ingress rating
- Passes the 1.5 meter drop test

### Compatibility for Time and Cost Savings

- Complete electrode compatibility with ZOLL's AED Plus® and line of professional defibrillators
- Battery compatibility with ZOLL's E Series®, M Series®, and R Series® professional defibrillators

**ZOLL**®

## High-Quality, Uninterrupted CPR

Real-Time CPR Feedback  
Supports Optimal Compressions



Real CPR Help's real-time rate and depth feedback improves compression quality.



"Good Compressions" message reinforces consistent, high-quality CPR compressions.

## Artifact Filtering Displays Underlying Rhythm

Without See-Thru CPR



With See-Thru CPR



See-Thru CPR filters out compression artifact, reducing the need to stop compressions to see a patient's underlying organized rhythms.

## ADVANCING RESUSCITATION. TODAY.®

ZOLL Medical Corporation  
Worldwide Headquarters  
269 Mill Road  
Chelmsford, MA 01824  
978-421-9655  
800-348-9011

For subsidiary addresses and fax numbers, as well as other global locations, please go to [www.zoll.com/contacts](http://www.zoll.com/contacts).

## AED Pro Specifications

### ECG Monitoring

*Patient Connection:* 3-lead ECG cable.

*Input Selection:* Fully defibrillator protected.

*ECG Size:* Automatic Gain Control (AGC) gain.

*Heart Rate:* 30-300 bpm  $\pm$ 5%.

### Display

*Screen Type:* High-resolution LCD display.

*Screen Size:* 3.02 inches W x 2.27 inches H.

*Sweep Speed:* 25 mm/sec.

*Viewing Time:* 3 seconds.

*Displayed Information:* Heart rate, ECG waveform, text prompts, CPR bar graph, battery gauge, elapsed time, number of shocks delivered.

### Event Documentation

*Type:* Internal non-volatile memory.

*Memory Capacity:* With audio recording enabled, 20 minutes of ECG, operator and device actions; without audio recording, 1.45 hours each for 4 patient records or up to 5.8 hours for a single record of ECG and event data. Expanded external data storage and transfer available with USB memory stick (not included).

*Event Review & Reporting:* RescueNet® Code Review software version 3.30 or higher.

*Communications:* IrDA infrared wireless for communication with personal computer or external USB memory stick transfer.

### Defibrillator

*Waveform:* ZOLL Rectilinear Biphasic™ waveform.

*Energy:* 50, 70, 85 joules (pediatric); 120, 150, 200 joules (adult) preconfigured.

*Charge Time:* Less than 10 seconds with a new fully charged battery. Depleted batteries will result in a longer defibrillator charge time.

*Energy Display:* Monitor display indicates selected energy in manual mode only.

*AED Function:* Auto analyze and charge x3 with programmable auto energy level selection, screen prompts, and voice prompts.

*Electrodes:* One-piece CPR-D-padz®, CPR stat-padz®, stat-padz® II, and Pediatric pedi-padz® II. CPR-D-padz one-piece electrode and CPR stat-padz two-piece electrodes provide Real CPR Help for rate and depth of CPR chest compressions.

*Manual:* Energy selection user configurable, 120, 150, 200 joules (adult); 50, 70, 85 joules (pediatric).

*Semi-Automatic:* Evaluates electrode connection and patient ECG to determine if defibrillation is required.

*Shockable Rhythms:* Ventricular fibrillation with amplitude >100 uV and wide complex ventricular tachycardia with rates greater than 150 bpm (adult) and greater than 200 bpm (pediatric).

*Defibrillation Pads Impedance Measurement Range:* 10-300 ohms.

*Prompts:* Audible voice prompts and text messages guide user through complete sequence of operation. Text prompts are always displayed. With ZOLL Administration Software (ZAS), user can configure voice prompts on/off.

*Controls:* ON/OFF, Shock, Softkeys.

### Configurability

*ZOLL Administration Software (ZAS):* Allows user to manually adjust the configuration of the AED Pro to desired medical protocol or direction.

*Analyze OPTIONS:* User can configure the ability to analyze a patient during the CPR period by depressing a softkey.

*CPR Duration:* User can configure CPR duration from 30 seconds to indefinite, depending on protocol.

User also has the ability to configure the AED Pro to "start with CPR", which, when turned on, will prompt the rescuer to perform CPR prior to analyzing the patient.

*Voice Prompts:* User can adjust wording (limited options) and/or turn on/off particular voice prompts. Note: Text prompts are always displayed.

*Shock Energy:* Adjust shock energy level for semi-auto mode, for both adult and pediatric modes.

### General

*Size:* 3 in (7.6 cm) x 9.2 in (23.5 cm) x 9.4 in (23.9 cm) deep.

*Weight:* < 6.5 lbs (2.9 kg) with disposable battery and electrodes.

*Design Standards:* Meets or exceeds AAMI DF-80, EN 60601-1, EN 60601-1-2.

*Patient Safety:* All patient connections are electrically isolated.

### Environmental

*Operating Temperature:* 0° C to 50° C.

*Storage and Shipping Temperature:* -30° C to 70° C.

*Humidity:* 10% to 95% relative humidity, non-condensing.

*Vibration:* MIL Std. 810F, Minimum Helicopter Test.

*Shock:* IEC 68-2-27; 100G.

*Drop Test:* 1.5m per IEC 68-2-32.

*Material/Water Ingress:* IEC 60529, IP55.

*Electromagnetic Compatibility (EMC):* CISPR; 11 Class B Rated and Conducted Emissions.

*Electromagnetic Immunity:* AAMI DF-80; IEC 60601.

*Electrostatic Discharge:* IEC 61000-4-2.

*Conducted Susceptibility:* IEC 61000-4-6.

*Options:* Vinyl foam-molded carry case for added protection; external IrDA port; wall sign.

See AED Pro operator's manuals for more detailed specifications

Specifications subject to change without notice.

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