

AED Pro®  **MEDPROZONE** **ZOLL**®

*Biogenesis*  
Latin America, LLC



*A Flexible AED for  
**Professional Rescuers***

# Uninterrupted, High-quality CPR

The American Heart Association and the European Resuscitation Council emphasize the importance of CPR feedback. "CPR quality measurement is needed to provide timely feedback to the responding providers."<sup>1</sup> The ZOLL® AED Pro® provides the feedback both the professional and the lay rescuer need to perform optimal CPR.



*A real-time bar gauge shows you the depth of your chest compressions so you can maximize your CPR performance.*

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## Improving Resuscitation Every Time

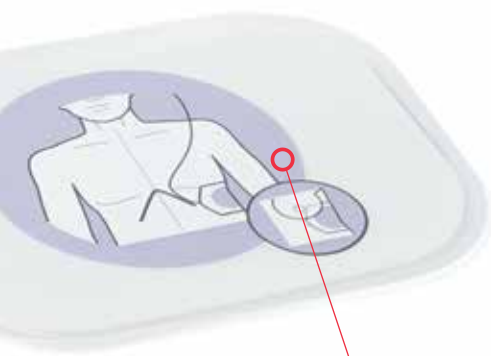
Real CPR Help® provides real-time feedback on the depth and rate of chest compressions to enhance CPR resuscitation quality. In fact, according to a major hospital-based study, caregivers improved the quality of their CPR compressions fivefold using Real CPR Help.® A screen display, as well as a metronome, guides you with visual and audible prompts to achieve consistent compression levels. High-quality compressions are reinforced with a “Good Compressions” message.



“... monitoring of CPR quality is arguably one of the most significant advances in resuscitation practice in the past 20 years and one that should be incorporated into every resuscitation and every professional rescuer program.”

*CPR chest compressions too shallow, you will be prompted to “Push Harder.”*

– American Heart Association  
CPR Consensus Statement<sup>3</sup>



*The unique two-piece design of ZOLL's CPR Stat-padz® allows for both Anterior/Anterior and Anterior/Posterior placement.*

## Defibrillator and Monitor Designed for Both BLS and ALS Rescuers

The AED Pro is designed for both basic and advanced life support. While it offers guidance to the BLS rescuer, it also provides more advanced capabilities to the professional rescuer.

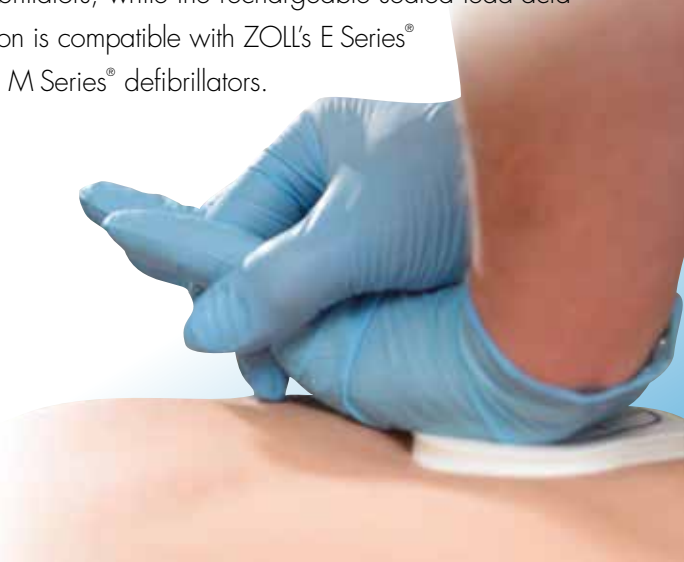
### Patient Monitoring Your Way

The AED Pro not only relays advanced CPR feedback, it's also a vital signs patient monitor that can be configured to the way you work.

- A three-lead cable allows basic monitoring using ECG electrodes.
- Flexible operating modes let the professional rescuer apply manual override to access more advanced capabilities, including heart rate displays, and to decide if and when to deliver treatment.
- A high-resolution auto-gaining LCD display keeps the ECG trace within a specific area, always displaying the gain, so the rescuer can easily see the patient's rhythm.

### Battery and Electrode Compatibility Saves Critical Time as Well as Cost

The AED Pro offers flexibility to meet your needs. You can choose from a long-life non-rechargeable battery or one of two rechargeable batteries, with varying shelf lives. The SurePower™ rechargeable option is compatible with the X Series®, E Series®, and R Series® professional defibrillators, while the rechargeable sealed lead-acid option is compatible with ZOLL's E Series® and M Series® defibrillators.





## Whatever the Environment, the AED Pro Delivers

Whether in the field or in a clinical setting, the AED Pro provides the right combination of support and services to help ensure a patient's safety and improve a patient's chances of survival in critical situations.



*Rugged and reliable, the AED Pro can withstand the demanding environments and mission requirements military professionals face every day. It serves double-duty as a portable defibrillator and a monitor you can depend on in the field.*

*Nurses can view a patient's ECG to evaluate status as well as gain real-time CPR feedback for improved resuscitation quality. Electrodes can be seamlessly transferred to another ZOLL defibrillator when the crash cart arrives.*



*EMS supervisors and command vehicles, firefighters, and bike medics appreciate this portable, lightweight, compact, and durable device for its BLS and ALS monitoring as well as its capabilities as a defibrillator.*



*From professional offices and dental practices to surgery centers and day clinics, medical and dental professionals value the AED Pro's monitoring capabilities. The rechargeable battery and advanced features are a plus for surgery centers, which often rely heavily on the defibrillator's monitoring capabilities.*



## Reducing the Duration of Interruptions During CPR

See-Thru CPR® filters out compression artifact ("noise") so you can see the patient's underlying cardiac rhythm (ECG) while performing CPR. Pauses are inevitable, but reducing the amount of time without compressions results in a higher chest compression fraction (CCF), the proportion of time spent delivering compressions during CPR. A higher CCF predicts better survival to discharge in patients who experience out-of-hospital cardiac arrest.<sup>4</sup>



*See-Thru CPR filters out compression artifact, which reduces the amount of time without compressions while checking to see whether an organized, shockable rhythm has developed.*



## The Real Difference in Defibrillation

When a shock is needed, ZOLL provides more current and more proven defibrillation efficacy with its Rectilinear Biphasic™ waveform (RBW). RBW was designed specifically for external defibrillation to control for variations in patient impedance. RBW provides the maximum possible average current held for the optimum duration. Only the ZOLL RBW has demonstrated statistical clinical superiority to monophasic waveforms in peer-reviewed randomized controlled trials as well as through supporting data from more than 11,500 patients.<sup>50</sup>

## Immediate and Customizable Data Storage and Transfer

### Configurable Storage for Maximum Flexibility

With storage capability for up to 5.8 hours of complete event data, the AED Pro can be configured to document as many as four rescues. Rescuers can pre-configure the AED to hold between one and four events depending on their established protocol. This flexibility allows the AED to remain in the field longer, maximizing productivity and reducing costs.

### Expanded USB Storage and Transfer

The AED Pro is the first and only AED with USB storage and transfer capability. This capacity offers you immediate data transfer, without removing the AED from the field. The AED also allows transfer with a wireless connection. In addition, it affords extended storage on USB drives.

### Integrated, Full-view Data Collection

The AED Pro is compatible with ZOLL's range of RescueNet® field data collection options, including RescueNet Code Review and RescueNet CaseReview. Designed to improve efficiency and quality of care, these products collect the full patient record and all resuscitation event data in one place. And at-a-glance dashboards display CPR metrics in a clear, concise format.

### Dependable in Every Situation

Military organizations worldwide rely on the AED Pro in deployed combat situations, domestic military training, and basic medical transport. The AED Pro A-W (Airworthy) is approved for use onboard military aircraft. Specifically designed for forward-operating military units, it is USAARL-approved for use in all rotary-wing aircraft in combat situations.

The AED Pro and AED Pro A-W both pass the 1.5-meter drop test and are the only AEDs with an IP55 dust-water ingress rating. The AED Pro is extremely rugged, impact resistant, and temperature tolerant because it's made from polycarbonate siloxane resin, the same material used in professional sports helmets.

#### References

- <sup>1</sup> <https://eccguidelines.heart.org/wp-content/themes/eccstaging/dompdf-master/pdffiles/part-4-systems-of-care-and-continuous-quality-improvement.pdf>.
- <sup>2</sup> Peberdy MA, et al. *Resuscitation*. 2009 Oct;80(10):1169-74.
- <sup>3</sup> Meaney PA, et al. *Circulation*. 2013 Jul 23;128(4):417-35.
- <sup>4</sup> Christenson J, et al. *Circulation*. 2009;120:1241-1247.
- <sup>5</sup> Mittal S, et al. *JACC*. 1999;34:1595-1601.
- <sup>6</sup> Mittal S, et al. *Circulation*. 2000;101:1282-1287.

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