

The **Zoll E Series** is a defibrillator/ monitor that can offer ECG and pacing as well. The small, compact design makes it an easily portable device used for transport or in EMS situations. The Zoll E Series offers Real CPR Help, where it can measure the chest compressions, rate, and depth in real-time while providing feedback if needed. All data for the defibrillator can easily be recovered and transferred to other devices through the RescueNed Code Software or a PCMCIA card. Additionally, the defibrillator monitor can offer measurements including; SpO2, NIBP, and EtCO2.

Features

- Measures chest compressions and rate and depth in real time.
- Provides visual and optional audible CPR feedback using CPR-D padz.
- All CPR data can be recorded and reviewed using RescueNet Code Review software.
- EasyRead Tri-Mode display, screen for use in the dark or direct sunlight.



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Specifications

Dimensions	Height: 5.75" (14.6 cm) Width: 13.1" (33.3 cm) Depth: 10.5" (26.7 cm) Weight: 13.2 lbs (5.99 kg)
Pacemaker (Pacer version)	 Type: VVI demand; asynchronous (fixed rate) when used without ECG leads or in ASYNC pacing mode Pulse Type: Rectilinear, constant current Pulse Shape and Duration: Rectilinear, 40 milliseconds ±2 milliseconds Pulse Amplitude: Variable 0 mA to 140 mA ±5% or 5 mA, whichever is greater Digitally displayed on the monitor (increments or decrements by a value of 2 mA) Pacing Rate: Variable from 30 ppm to 180 ppm ±1.5% (increments or decrements by a value of 2 ppm)
Defibrillator	 Waveform: Rectilinear Biphasic Energy Selection: Adult Mode: Selectable at 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 30, 50, 70, 85, 100, 120, 150, 200 J (Delivered into 50 Ω load). Selected using controls on sternum paddles or unit front panel. Charge Time: 6-40 seconds depending on battery life and amount of joules selected. Patient Impedance: Min: 15 oms; Max: 250 ohms Energy Display: Monitor display indicates both selected and delivered energy
ECG Monitoring	 Patient Connection: 3-lead ECG cable, 5-lead wire ECG cable, paddles or MFE Pads. Selectable by front panel switch. Input Protection: Fully defibrillator-protected. Special circuit prevents distortion of ECG by pacer pulse. (Pacer version only). Bandwidth: 0.67 Hz - 21 Hz (-3 dB) standard/0.05 Hz - 150 Hz Diagnostic 0.67 Hz - 27 Hz and 1 Hz - 21 Hz user-configurable Lead Selection: Displayed on monitor ECG Size: 0.5, 1, 1.5, 2, 3 cm/mV (Centimeter per millivolt) display on monitor Heart Rate: Digital display; Range: 0 bpm - 300 bpm; Accuracy: ±5%
CPR Monitoring	Compression Depth: 0.75 to 3 inches ± 0.25 inches 1.9 to 7.6 cm ± 0.6 cm Compression Rate: 50 to 150 compressions per minute
Display	Screen Type: High resolution, color liquid crystal display (LCD) Screen Size: 5.63 inches (14.3 cm) diagonally Sweep Speed: 25 mm/s Viewing Time: 4 seconds
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Specifications

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Recorder	Paper: 80 mm thermal (grid width); 90 mm (paper width)
	Speed: 25 mm/s or 50 mm/s (apparent), configurable for 12 lead output
	Delay: 6 seconds
	Annotations: Time, date, defib energy, heat rate, pacer output (Pacer version only), QRS sync marker, ECG SIZE, lead, alarm, DEFIB TEST OK/FAIL, ANALYZE ECG, PADS OFF, ANALYSIS HALTED, NOISY ECG, SHOCK ADVISED, NO SHOCK ADVISED, ECG TOO LARGE, and diagnostic bandwidth.
	Printing Method: High resolution, thermal array print head
	Print out Modes: Manual or automatic; user-configurable
	On/Off Control: Front panel and paddle
PCMCIA Card	Capacity: Standard Series II Flash card - 2, 4, 16, or 32 Mb
	Audio Recording: Digital compressed audio data
Battery Packs	Lithium Ion Weight: 1.5 lbs (0.68 kg) Voltage: 4.2 Volts per cell; 3 cells wired in series Recharge Time: 7 hours or less with integral charger Rechargeable, Sealed Lead Acid Weight: 2.2 lbs (1 kg) Voltage: 2 volts per cell; 5 cells wired in series Charge Time: 4 hours or less with integral charger



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