

Zoll AEDPro™



Typical Manufacturer's Picture

Features

- High-resolution LCD display for Lead II monitoring
- Two models: semi-automatic, or semi-automatic with manual override
- First to incorporate USB memory technology for unlimited data storage capacity

Specifications

ECG Monitoring

Patient Connection: 3-lead ECG cable.

Input Selection: Fully defibrillator protected.

ECG Size: Automatic Control (AUD) 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 and operator and device actions;

Without audio recording, 7 hours of ECG data or up to 4 patient records. Unlimited data storage with USB key.

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

Communications: IrDA infrared wireless for communication with personal computer.

Defibrillator

Waveform: ZOLL Rectilinear Biphasic™ waveform.

Energy: 50, 70, 85 (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.



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

Electrodes: CPR-D•padz, stat•padz II™, and Pediatric pedi•padz II™ packaged in pairs. CPR-D•padz one-piece electrode provides feedback on rate and depth of chest compressions.

Manual: Energy selection user configurable, 120, 150, 200 J adult and 50, 70, 85 J 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.

Controls: ON/OFF, Shock, Softkeys.

Battery Options

Type: Rechargeable, sealed lead acid.

Recharge Time: 4 hours or less with a ZOLL Power-Charger 4x4 or 1x1 Battery Charger.

Operating Time: For a new, fully charged battery pack at 20° C: 170 defibrillator discharges at maximum energy, or 6 hours continuous ECG monitoring.

Type: Sealed, disposable lithium manganese.

Operating Time: 300 defibrillator charges at maximum energy or 13 hours continuous ECG monitoring.

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 with disposable battery and electrodes (2.9 kg).

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