

## Zoll M Series CCT Defibrillator



### Features:

- Superior defibrillation
- Superior pacing
- Advisory capabilities
- Transport-ready design
- Easy-to-read display
- Full range of parameters for full range of patients
- Flexible color display
- Quick, easy connections



Soma Technology Inc. • 166 Highland Park Drive • Bloomfield, CT 06002 • USA  
Phone: 1.800.GET.SOMA • [www.SomaTechnology.com](http://www.SomaTechnology.com) • Email: [soma@somatechnology.com](mailto:soma@somatechnology.com)



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## Specifications

### Defibrillator

**Waveform:** ZOLL Rectilinear Biphasic. Energy Selection: Selectable at 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 30, 50, 75, 100, 120, 150, 200 joules. (Delivered into 50 ohm load.) Charge Time: Less than 6 seconds with a new fully charged battery (first 15 charges to 200J.) Depleted batteries will result in a longer defibrillator charge time. Energy Display: Monitor display indicates both selected and delivered energy.

**Synchronized Mode:** Synchronizes defibrillator pulse to patient's R-wave. "SYNC" message displayed on monitor. Marker on display and recorder paper identifies R-wave discharge point. Advisory Function: Single analysis or programmable auto re-analyze x3 with programmable auto energy level selection, screen prompts, and voice prompts. Charge Controls: Control on apex paddle and on device front panel. Paddles: External anterior/anterior adult and pediatric. Adult paddles slide off to expose pediatric paddles. Multi-Function Electrode (MFE) Pads: Specifically designed adult anterior/posterior pre-gelled ZOLL MFE Pads, and Multi-Function stat•padz™ packaged in pairs. Built-In Defibrillator Tester: Tests defibrillator energy output and continuity of universal cable and paddles; documented on PCMCIA card and strip chart.

**Defibrillation Advisory:** Evaluates electrode connection and patient ECG to determine if defibrillation is required. Shockable Rhythms: Ventricular fibrillation with amplitude > 100  $\mu$ V and wide complex ventricular tachycardia with rates greater than 150 bpm. Multi-Function Electrode Impedance Measurement

**Range:** 0-250 ohms.

### Display

**Screen Type:** Color LCD. Screen Size: 6.5 inches (16.5 cm) diagonally. Sweep Speed: 25 mm/sec.

**Viewing Time:** 4 seconds. Traces: 3. Information: Heart Rate, Lead/Pads, Alarm On/Off, Advisory Functions and Prompts, Defibrillator Test Function, Error Corrections and Faults, Code Markers, Alarm Selection and Limits, Delivered Energy, SpO<sub>2</sub>, Pacer Functions, EtCO<sub>2</sub>, NIBP, Invasive Pressures (2), Temperature (2).

### ECG Monitoring

**Patient Connection:** 3-lead ECG cable, 5-lead ECG cable, 12 lead cable, paddles or MFE Pads. Input selection on front panel. Input Protection: Fully defibrillator protected. Special circuit prevents distortion of ECG by pacer pulse. (Pacer version only.) Implanted Pacemaker Spike Display: Dedicated circuitry detects most implanted pacemaker spikes and provides standard display marker of spike on ECG trace. Bandwidth: 0.5-40 Hz (-3 dB) standard/0.05-150 Hz diagnostic. Lead Selection: Displayed on monitor. ECG Size: 0.5, 1, 1.5, 2, 3 cm/mV - display on monitor. Heart Rate: Digital display 0-300 bpm  $\pm$ 5%. Heart Rate Alarm: On/Off displayed on monitor. User-selectable, tachycardia 60-280 bpm, bradycardia 20-100 bpm.



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Bloomfield, CT 06002 • USA  
1.800.438.7662  
[www.SomaTechnology.com](http://www.SomaTechnology.com)