ZOLL M SERIES®

Options
- Biphasic Defib/ Monitor/ Recorder/AED
- Defib/ Monitor/ Recorder/AED
- Defib/Monitor/Recorder/Pacer/AED/SpO2
- Defib/ Monitor/ Recorder/Pacer/AED

The M Series® has everything you need for cardiac resuscitation: fast, easy-to-use defibrillation, external pacing, ECG with advanced monitoring, built-in AC or DC power, and an integrated information management system.

Specifications

**ECG Monitoring**
- Patient connection: 3-lead ECG cable, 5-lead ECG cable, 12-lead ECG cable, paddles or MFE pads. Input protection: fully defibrillator protected. Special circuit prevents distortion of ECG by pacer pulse (Pacer version only). Implantable pacemaker spike display: dedicated circuitry detects most implanted pacemaker spikes and provides standard display marker of spike on ECG trace. ECG size: 0.5, 1, 1.5, 2, 3 cm/mV. Heart rate: digital display 0-300 bpm ±5%. Heart rate alarm: On/Off displayed on monitor. User selectable. Tachycardia: 60-280 bpm, bradycardia: 20-100 bpm.

**Display**
- Screen type: high-resolution display. Screen size: 5” (12.7 cm) diagonally. Information: heart rate, lead/pads, alarm on/off, NIBP, 12-lead ECG, SpO2, EtCO2, AED functions and prompts, defibrillator test function, self test function, error corrections and faults, pacer functions (optional), code markers, alarm selection and limits, delivered energy.

**Defibrillator**
- Waveform: damped sinusoid or ZOLL rectilinear biphasic. Energy selection: selectable at 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 30, 50, 75, 100, 150, 200, 300, 360 Joules selected using controls on sternum paddle or device front panel. Rectilinear biphasic energy selection up to 200 joules maximum. Charge time: less than 7 seconds with a fully charged battery. 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 displays on monitor. Marker on display and recorder paper identifies R-wave discharge points. Advisory function: single analysis or programmable auto re-analyze x3 with programmable auto energy level selection, screen prompts, and voice prompts. Change controls on apex paddle and device front panel. Paddles: external anterior/anterior adult and pediatric paddles. Adult paddles slide off to expose pediatric paddles. Defibrillator advisory: evaluates electrode connection and patient ECG to determine if defibrillation is required.

**Pacemaker**
- (Pacer version only) Type: VVI demand; asynchronous (fixed rate) when used without ECG leads or in ASYNC pacing mode. Pulse: rectilinear, constant current; 40μsec ±2; amplitude variable 0 to 140 mA ±5%, whichever is greater; digitally displayed on the monitor; rate variable from 30 to 180 ppm ±1.5%. Fully defibrillator protected and isolated.

**Recorder**
- Paper: 80 mm thermal (grid width), 90 mm (paper width). Annotations: time, date, defib energy, heart rate, pacer out (pacer version only), QRS sync marker, ECG size, lead, alarm, defib test Ok/Fail, analyze ECG, analysis halted, noisy ECG, shock advised, no shock advised. ECG too large, ECG too small, and diagnostic bandwidth.

**General**
- Size: 6.8” (17.3 cm) high x 10.3 in (26.2 cm) wide x 8.2 in (20.8 cm) deep. Weight: 11.5 lbs (5.23 kg) with multi function cable and battery; 13.5 lbs (6.14 kg) with paddles.

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