What Makes a Defibrillator Better for Transport?

The lightest, smallest footprint available on the market today that meets all military mission requirements for critical care patient transports

Superior Care and Portability in One Compact Unit
When you’re transporting critical care patients, defibrillation is a capability you have. But you also need to keep track of crucial vital signs throughout the patient’s entire continuum of care. The M Series™ CCT brings together ZOLL’s superior biphasic defibrillation, external pacing, complete monitoring, a multiple application printer, and a large full-color display—in a single portable unit. Additionally, the CCT offers electronic capture of vital clinical patient data essential in meeting your documentation requirements.

ZOLL XL Battery for Longer Transport Times
The XL Battery delivers the runtime required for long, portable operation. Built-in AC mains power makes transportation from crash cart to bed side—or helicopter to ambulance—easy. And as the smallest, lightest airworthy platform offering 400Hz and easily accessible exchangeable battery, it is the standard of choice.

Transport-Ready Design
Designed for transport needs, the M Series CCT has been selected as the Patient Movement Item standard from forward edge to fixed facility. It offers the “best value” to meet the form, fit, and functionality requirements of varied military missions.

Easy-to-Read Display
The bright, 6.5” diagonal color display makes monitoring information easy to read at a glance, whether you’re rushing down a hallway or working in a helicopter.

M Series Technology and Simplicity
The M Series CCT is a member of the ZOLL family of familiar, easy-to-operate defibrillators. With its straightforward controls and ZOLL Uniform Operating System, the M Series CCT reduces staff training and minimizes operator confusion. It is the perfect combination for critical care transport and advanced life support.
M Series CCT Specifications

Defibrillator-US Military Airworthy Certified

Waveform: ZOLL Rectilinear Biphasic™
Energy Sources: Selectable at 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 30, 50, 75, 100, 120, 150, 200 joules (Debrieﬁed into 30 ohm load)
Charge Time: Less than 6 seconds with a newly charged battery (less 15 charges to 20%); Debrieﬁed batteries will result in a longer debrieﬁng and charging time
Energy Display: Monitor display indicates both selected and delivered energy
Synchronization Mode: Synchronize defibrillator pulse to patient's R wave. "SYNC" message displayed on monitor, Matcher on display and recorder paper identifies R wave discharge point.

Advisory Function: Single or programmable auto-reanalysis with programmable auto-energy level selection, screen prompts, and voice prompts.

Charge Controls: Control on apex paddles and on distal front panel.
Paddles: External anterior/anterior adult and pediatric.
Adult paddles slide off to expose pediatric paddles.

Adult Multi-Function Electrode Impedance Measurement Range: 0-250 ohms.

Display

Screen Type: Color LCD
Screen Size: 6.5 inches (16.5 cm) diagonally
Screen Soot: 25 mm/sec.
Viewing Time: 4 seconds
Trace: 3

ECG Monitoring

Patient Connector: 3-lead ECG cable; 5-lead ECG cable, 12-lead cable, paddles or MFE Pads. Input selection on front panel.
Input Protection: Fully debrieﬁed protected. Special circuit prevents distortion of ECG by pulse pace.
(Pacer version only.)
Implanted Pacemaker Spy Display: Detects most implanted pacemaker spikes and provides standard display marker of spike on ECG trace.
Bandwidth: 0.05-40 Hz (3 dB standard), 0.05-150 Hz diagnostic.
Lead Selection: Displayed on monitor.
ECG-Spec: 0.1, 1.5, 2, 3 cm/s; display on monitor.
Heart Rate: Digital display 0-300 bpm ± 2%. Heart Rate Alarm: On/Off displayed on monitor.
ECG-Waveform: 400 ms ± 5 ms (30-150 Hz).

EtCO2 (Option)

Sensor Type: Internal, Mainstream.
Warm-Up Time: Operational in 15 seconds, full speciﬁcation within 60 seconds.
Step Response Time: Less than 60 ms, asymptotic.
EtCO2 (mmHg) Range: 0-40 mmHg.
EtCO2 (mmHg) Accuracy: ±2 mmHg or ±5%, whichever is greater.
EtCO2 (respiration) Range: 0-150 mmHg.
EtCO2 (respiration) Resolution: 0.5 mmHg or 5%.

Temperature (Option)

Probe Type: 5 mm diameter.
Temperature Measurement Range: 15 °C to 45 °C.
Resolution: 0.1 °C, not including sensor.

General

Stability: ± 1°C (25-35°C), ± 1°C (35-45°C), ± 1°C (45-55°C), ± 2°C (55-75°C), ± 2°C (75-95°C), ± 3°C (95-115°C), ± 5°C (115-135°C), ± 10°C (135-155°C), ± 15°C (155-175°C), ± 20°C (175-200°C).

Specifications subject to change without notice. *Advaning Resuscitation Today*, M Series, Rectilinear Biphasic, Resucinet, and Xtreme Pack are trademarks of ZOLL Medical Corporation.