



The **Mortara ELI 250 Rx** is a 12-lead resting electrocardiograph that incorporates Mortaras VERITAS 12-lead resting interpretation algorithm. It features a backlit liquid crystal display and can print on full-size 8.5x11 Z-folder thermal paper. Weighing in under 12-pounds, the Mortara 250 Rx EKG Machine can print out diagnostic statements on the ECG report for a silent second opinion. The 250 Rx can transmit ECGs to another Mortara device, E-scribe data management system, or ELI Link using direction connection, optional modem, or network connection.

Features

- 12-lead patient ECG monitoring.
- Fully functional touchpad keyboard.
- RS-232 level serial communications port.
- Data transport through a direct connection, optional modem, or network connection.
- 320x240 liquid crystal display.



Specifications

Dimensions

Height: 4 in. (10.2 cm)
Width: 15.5 in. (39.4 cm)
Depth: 17 in. (43.2 cm)
Weight (Including battery): 11.25 lbs. (5.1 kg)

ECG

Type: 12-lead Electrocardiograph
Input Channels: Simultaneous acquisition of 12 leads
Standard Leads Acquired: I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
Waveform Display: Backlit, 1/4 VGA LCD; 3-channel lead groups or complete; 8-channel presentation
Digital Sampling Rate: 10,000 s/sec/channel used for pacemaker spike detection; 1000 s/sec/channel used for recording and analysis
Special Functions: Optional Mortara VERITAS resting interpretation algorithm; connectivity options for bi-directional communication; flash memory storage of ECGs

Paper and Recorder

Paper Type: Full size (8.5" x 11" or A4), Z-fold thermal paper; 250 sheets stored in paper tray
Thermal Recorder: Computer-controlled dot array; 8 dots/mm
Thermal Writer Speeds: 5, 10, 25, or 50 mm/s
Gain Settings: 5, 10, or 20 mm/mV
Report Print Formats: Standard or Cabrera: 3+1, 3+3 channel, 6-channel, 12-channel
Rhythm Print Formats: 6-channel with configurable lead groups, or 12-channel

General

Keyboard Type: Elastomer keypad with complete alphanumeric keys, soft-key menu and dedicated function keys
Frequency Response: 0.05 to 300 Hz
Filters: High performance baseline filter; AC interference filter 50/60 Hz; low pass filters 40 Hz or 150 Hz
A/D Conversion: 20 bit (1.17 microvolt LSB)
Device Classification: Class I, Type CF defibrillation proof applied parts
ECG Storage: Up to 60 ECGs; optional expanded up to 150 ECGs
Power Requirements: Universal AC power supply (100-240 VAC at 50/60 Hz) 50 VA. Internally rechargeable battery

