

ELI 250

MORTARA'S NEXT GENERATION 12-LEAD RESTING ELECTROCARDIOGRAPHS

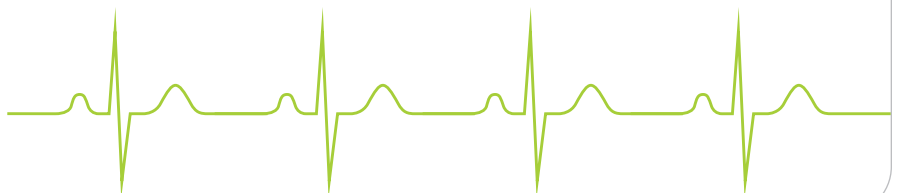
PRODUCT FEATURES

- **Backlit LCD Display**
High-resolution display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG.
- **Mortara VERITAS™ Resting ECG Interpretation Algorithm**
Internationally recognized Mortara resting ECG interpretation algorithm with adult and pediatric criteria provides a silent second opinion for 12-lead ECG interpretation.
- **Full Keyboard**
Alphanumeric elastomer keyboard also includes dedicated "one-touch" buttons for ECG acquisition, rhythm printing, and ECG transmission.
 - **Full-Size, Z-Fold Paper**
Full-size paper (8.5" x 11" or A4 supported) output includes multiple standard or Cabrera print options including 3+1, 3+3, 6-channel, and 12-channel outputs.
- **Internal Storage**
Internal storage for up to 60 digital ECG records. Optional expanded storage for up to 150 digital ECG records.
- **Connectivity Options**
Bidirectional communication via serial port, internal modem, LAN, or wireless LAN with security for WEP, WPA-PSK, WPA2, and PEAP.
- **Information Exchange Interfaces**
Patient demographics, ECG orders, and discrete and displayable results are exchanged with Mortara's E-Scribe™ and Athena products as well as third party EMR, HIS, and PACS systems via XML, PDF, UNIPRO, and DICOM®.
- **Barcode Reader**
Optional barcode scanning for fast and accurate data entry.

12-LEAD resting electrocardiograph



 Mortara





ELI™ 250 ELECTROCARDIOGRAPH

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ISO 13485 CERTIFIED



WARRANTY + SERVICE

Mortara Instrument is committed to the highest level of customer support. Please contact us for the program which will be best suited for your needs.

| FEATURE | SPECIFICATIONS* |
|---|--|
| INSTRUMENT TYPE | 12-lead electrocardiograph |
| INPUT CHANNELS | Simultaneous acquisition of all 12 leads |
| STANDARD LEADS ACQUIRED | I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6 |
| WAVEFORM DISPLAY | Backlit, 1/4 VGA LCD (320 x 240); 3-lead groups, 8 or 12-lead presentation |
| INPUT IMPEDANCE INPUT DYNAMIC RANGE ELECTRODE OFFSET TOLERANCE COMMON MODE REJECTION | Meets or exceeds the requirements of ANSI/AAMI EC11 |
| PATIENT LEAKAGE CURRENT CHASSIS LEAKAGE CURRENT | Meets or exceeds the requirements of ANSI/AAMI ES1 |
| 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 ECG interpretation with age and gender specific algorithm; connectivity options for bidirectional communication |
| PAPER TYPE | Perforated Z-fold thermal paper, A4 or 8.5 x 11" wide, 250 sheets |
| THERMAL PRINTER | Computer-controlled dot array; 8 dots/mm |
| THERMAL PRINTER SPEEDS | 5, 10, 25, or 50 mm/s |
| GAIN SETTINGS | 5, 10, or 20 mm/mV |
| REPORT PRINT FORMATS | Standard or Cabrera: 3, 3+1, 3+3, 6, or 12 channel |
| RHYTHM PRINT FORMATS | 3, 6, or 12 channel with configurable lead groups |
| KEYBOARD TYPE | Elastomer keyboard 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, 150 Hz, or 300 Hz |
| A/D CONVERSION | 20 bits (1.17 microvolt LSB) |
| DEVICE CLASSIFICATION | Class I, Type CF defibrillation-proof applied parts |
| ECG STORAGE | Internal storage up to 60 ECGs; optional expanded up to 150 ECGs |
| WEIGHT | 11.25 lbs. (5.1 kg) including battery (without paper) |
| DIMENSIONS | 15.5 x 17 x 4" (39.4 x 43.2 x 10.2 cm) |
| POWER REQUIREMENTS | Universal AC power supply (100-240 VAC at 50/60 Hz) 50 VA; internally rechargeable battery |

*Specifications subject to change without notice.

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