

# ELI 150 Rx

MORTARA'S NEXT GENERATION 12-LEAD RESTING ELECTROCARDIOGRAPHS



## PRODUCT FEATURES

- **ECG Preview**

High-resolution LCD display provides real-time preview of 12-lead ECG to ensure high quality data acquisition at investigator site.

- **Custom ID™**

Customized demographic data fields can be downloaded from the E-Scribe™ Rx ECG data management system to the ELI™ 150 Rx electrocardiograph for each study protocol.

- **Positive ID™**

Customized demographic data fields can be automatically populated by entering the subject's ID number, or from a subject's previously stored ECG, minimizing data entry at sites.

- **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, GSM/GPRS mobile, LAN, or wireless LAN with security for WEP, WPA-PSK, and CISCO® LEAP.

- **1000 Hz Sampling Rate**

High sampling frequency used for 12-lead recording and analysis.

- **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.

- **Barcode Reader**

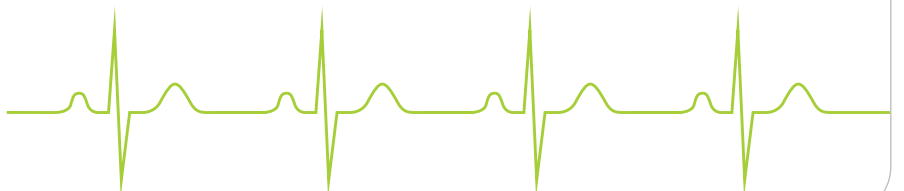
Optional barcode scanning for fast and accurate data entry.

- **Multiple-Study Support**

Optional multi-study support for managing up to three studies on one machine.

12-LEAD resting electrocardiograph

 **Mortara**



## ELI™ 150 Rx ELECTROCARDIOGRAPH

| 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<br>3-lead groups,<br>8 or 12-lead presentation                                                                               |
| INPUT IMPEDANCE<br>INPUT DYNAMIC RANGE<br>ELECTRODE OFFSET TOLERANCE<br>COMMON MODE REJECTION | Meets or exceeds the requirements of ANSI/AAMI EC 11                                                                                              |
| PATIENT LEAKAGE CURRENT<br>CHASSIS LEAKAGE CURRENT                                            | Meets or exceeds the requirements of ANSI/AAMI ES 1                                                                                               |
| 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 algorithm; connectivity options for bidirectional communication; flash memory storage of ECGs |
| PAPER TYPE                                                                                    | Z-fold thermal paper; 108 mm (4") wide, perforated double Z-fold, 200 double Z-fold sheets                                                        |
| 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, 3+1, or 3+3 channel                                                                                                       |
| RHYTHM PRINT FORMATS                                                                          | 3-channel or 6-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 or 150 Hz                                               |
| A/D CONVERSION                                                                                | 20 bits (1.17 microvolt LSB)                                                                                                                      |
| DEVICE CLASSIFICATION                                                                         | Class I, Type CF defibrillation-proof applied parts                                                                                               |
| ECG STORAGE                                                                                   | Up to 150 ECGs                                                                                                                                    |
| WEIGHT                                                                                        | 7.2 lbs. (3.3 kg) including battery (without paper)                                                                                               |
| DIMENSIONS                                                                                    | 11.25 x 11.5 x 3.75" (29.2 x 30.5 x 10.2 cm)                                                                                                      |
| POWER REQUIREMENTS                                                                            | Universal AC power supply (100-240 VAC at 50/60 Hz)<br>50 VA; internally rechargeable battery                                                     |

\*Specifications subject to change without notice.