

12-LEAD resting electrocardiograph

MORTARA'S NEXT
GENERATION
12-LEAD RESTING
ELECTROCARDIOGRAPHS



ELI 150 Rx

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** – Standard internal storage for up to 150 ECGs.
- **Connectivity Options** – Multiple connectivity options include high-speed internal modem approved for use worldwide, integrated GSM modem, or LAN.
- **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 provides automated analysis to assist in on-site assessment of ECG data.
- **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.

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 3-channel lead groups or complete 8-channel presentation
Input Impedance Input Dynamic Range Electrode Offset Tolerance Common Mode Rejection	Meet or exceed the requirements of ANSI/AAMI EC11
Patient Leakage Current Chassis Leakage Current	Meet or exceed 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 algorithm; connectivity options for bi-directional 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 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 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 cm x 30.5 cm 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.

S T A N D A R D A C C E S S O R I E S

- Patient Cable
- Hospital Grade Power Cord
- User Manual
- Accessory Starter Kit

Warranty and 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.

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 **Mortara INSTRUMENT**
The World Leader in ECG Technology

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