

# 12-LEAD resting electrocardiograph



MORTARA'S NEXT  
GENERATION  
12-LEAD RESTING  
ELECTROCARDIOGRAPHS

## ELI 10

### PRODUCT FEATURES

- **Hand-Held Unit** – Compact and lightweight, the ELI™ 10 electrocardiograph provides full-featured functionality in an ultra-portable, hand-held unit.
- **ECG Preview and Printing** – High-resolution backlit LCD display provides real-time preview of 12-lead ECG and VERITAS™ interpretation results to ensure high-quality data acquisition. ECG printing is available through a USB external printer.
- **Mortara VERITAS Resting ECG Interpretation Algorithm** – Internationally recognized Mortara resting ECG interpretation algorithm using both age and gender specific criteria provides a silent second opinion for 12-lead interpretation.
- **Full Keyboard** – Alphanumeric elastomer keyboard also includes dedicated “one-touch” buttons for ECG acquisition and ECG transmission.
- **ECG Storage** – Internal storage for up to 60 digital ECG records. Optional expanded storage for up to 150 digital ECG records, or optional external USB memory.
- **Connectivity Options** – Multiple connectivity options include internal modem, GSM/GPRS mobile, LAN, or WLAN.
- **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®.

# E L I <sup>™</sup> 1 0 E L E C T R O C A R D I O G R A P H

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-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
USB Printer	Requires PCL3 and 300 dpi USB printer. Not all commercially available printers with these characteristics may be compatible with the ELI 10.
Paper Speed	25 mm/sec
Gain Settings	5, 10, or 20 mm/mV
Report Print Formats	Standard or Cabrera; 3+1, 3+3, 6, 6+6, or 12 channel
Special Functions	Optional Mortara VERITAS resting ECG interpretation with age and gender specific algorithm; connectivity options for bi-directional communication; flash memory storage of ECGs
Gain Settings	5, 10, or 20 mm/mV
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 60 ECGs; optional expanded up to 150 ECGs, or optional external USB memory
Weight	1.2 lbs. (0.54 kg) including battery
Dimensions	6.72" x 5.32" x 1.50" (17.2 cm x 13.5 cm x 3.8 cm) (without docking station)
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
- Docking Station

### 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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