

# ELI 10

MORTARA'S NEXT GENERATION 12-LEAD RESTING ELECTROCARDIOGRAPHS



## PRODUCT FEATURES

### • Handheld Unit

Compact and lightweight, the ELI™ 10 electrocardiograph provides full-featured functionality in an ultra-portable, handheld 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 enabled through a cardiology management system using the network or a stand-alone 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

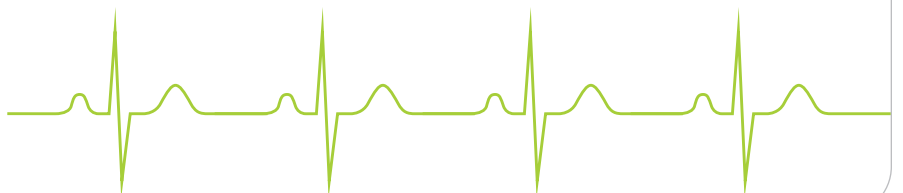
Multiple connectivity options include internal modem, GSM/GPRS mobile, LAN, or WLAN.

### • 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®.

12-LEAD resting electrocardiograph

 Mortara



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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.

**ELI™ 10 ELECTROCARDIOGRAPH**

FEATURE	SPECIFICATIONS*
<b>INSTRUMENT TYPE</b>	12-lead electrocardiograph
<b>INPUT CHANNELS</b>	Simultaneous acquisition of all 12 leads
<b>STANDARD LEADS ACQUIRED</b>	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
<b>WAVEFORM DISPLAY</b>	Backlit, 1/4 VGA LCD (320 x 240) 3-lead groups, 8 or 12-lead presentation
<b>INPUT IMPEDANCE INPUT DYNAMIC RANGE ELECTRODE OFFSET TOLERANCE COMMON MODE REJECTION</b>	Meets or exceeds the requirements of ANSI/AAMI EC11
<b>PATIENT LEAKAGE CURRENT CHASSIS LEAKAGE CURRENT</b>	Meets or exceeds the requirements of ANSI/AAMI ES1
<b>DIGITAL SAMPLING RATE</b>	10,000 s/sec/channel used for pacemaker spike detection; 1000 s/sec/channel used for recording and analysis
<b>USB PRINTER</b>	Requires PCL3 and 300 dpi USB printer. Not all commercially available printers with these characteristics may be compatible with the ELI 10
<b>PAPER SPEED</b>	25 mm/sec
<b>GAIN SETTINGS</b>	5, 10, or 20 mm/mV
<b>REPORT PRINT FORMATS</b>	Standard or Cabrera; 3+1, 3+3, 6, 6+6, or 12 channel
<b>SPECIAL FUNCTIONS</b>	Optional Mortara VERITAS resting ECG interpretation with age and gender specific algorithm; connectivity options for bidirectional communication
<b>KEYBOARD TYPE</b>	Elastomer keyboard with complete alphanumeric keys, soft-key menu, and dedicated function keys
<b>FREQUENCY RESPONSE</b>	0.05 to 300 Hz
<b>FILTERS</b>	High-performance baseline filter; AC interference filter 50/60 Hz; low-pass filters 40 Hz, 150 Hz, or 300 Hz
<b>A/D CONVERSION</b>	20 bits (1.17 microvolt LSB)
<b>DEVICE CLASSIFICATION</b>	Class I, Type CF defibrillation-proof applied parts
<b>ECG STORAGE</b>	Internal storage up to 60 ECGs; optional expanded up to 150 ECGs, or optional external USB memory
<b>WEIGHT</b>	1.2 lbs. (0.54 kg) including battery
<b>DIMENSIONS</b>	6.72 x 5.32 x 1.50" (17.2 x 13.5 x 3.8 cm) (without docking station)
<b>POWER REQUIREMENTS</b>	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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