12-LEAD resting electrocardiograph

ELI 10

P R O D U C T   F E A T U R E S

- **Hand-Held Unit** –
  Compact and lightweight, the ELI™ 10 electrocardiograph provides full-featured functionality in an ultra-portable hand-held unit.

- **ECG Preview** –
  High-resolution backlit LCD display provides real-time preview of 12-lead ECG and VERITAS™ interpretation results to ensure high-quality data acquisition.

- **Mortara VERITAS Resting ECG Interpretation Algorithm** –
  Internationally recognized Mortara interpretation algorithm provides automated analysis to assist in on-site assessment of ECG data.

- **Full Keyboard** –
  Alphanumeric elastomer keyboard also includes dedicated "one-touch" buttons for ECG acquisition and ECG transmission.

- **Internal Storage** –
  Internal storage for up to 60 digital ECG records. Optional expanded storage for up to 150 digital ECG records.

- **Connectivity Options** –
  Multiple connectivity options include internal modem, GSM/GPRS mobile, 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®.

Mortara INSTRUMENT
The World Leader in ECG Technology

ELI™ 10 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	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; 1,000 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
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
Weight	1.0 lbs. (0.48 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.

STANDARD ACCESSORIES

- 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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