

RESTING electrocardiograph

MORTARA'S NEXT
GENERATION RESTING
ELECTROCARDIOGRAPHS



ELI 350

PRODUCT FEATURES

- **High-Resolution 17" Color Display** – Impact-resistant LCD with 1280 x 1024 resolution and adjustable viewing angle enables full preview of ECG prior to acquisition or printing.
- **Mortara VERITAS™ Resting ECG Interpretation Algorithm** – Internationally recognized Mortara resting ECG interpretation algorithm with age and gender specific criteria provides a silent second opinion for resting ECG interpretation. Serial comparison of waveform, text, or waveform and text available for up to 4 previous ECGs.
- **Connectivity Options** – Bi-directional communication via serial port, internal modem, LAN, or wireless LAN with security for WEP, WPA-PSK, and CISCO® LEAP.
- **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®.
- **Best 10** – The ELI 350 will automatically select and display the best 10 seconds of ECG signal from the stored full disclosure reducing clinician review time and eliminating the need for repeat ECGs.
- **Robust, Responsive, Ready-to-Go** – Impact-resistant display and sealed keyboard are designed for demanding hospital environments. The "instant-on" feature enables clinicians to turn on the unit and immediately begin ECG acquisition.
- **Full-Disclosure Option** – Stores up to 20 minutes of 12 or 15-lead ECG data.

E L I™ 3 5 0 E L E C T R O C A R D I O G R A P H

Feature	Specifications*
Instrument Type	12 or 15-lead resting electrocardiograph
Input Channels	Simultaneous acquisition of all 12 or 15 leads
Standard Leads Acquired	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6 optional V3R, V4R, V7; V7, V8, V9; or E1, E2, E3
Waveform Display	Backlit, 17" SXGA color LCD display
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
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
Paper Type	Full-size (8.5" x 11" or A4), Z-fold thermal paper; 250 sheets stored in paper tray
Thermal Printer	Computer-controlled dot array; 8 dots/mm
Thermal Printer Speeds	5, 10, 25, or 50 mm/s
Gain Settings	5, 10, or 20 mm/mV
Report Print Formats	Standard or Cabrera: 3x4+1, 3x4+3, 3x5+1, 3x5+3 channel, 6 channel, or 12 channel
Rhythm Print Formats	3 channel, 6 channel, or 12 channel with configurable lead groups
Keyboard Type	Elastomer keypad with complete alphanumeric keys, soft-key menu, and dedicated function keys. Click knob or touchpad option
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 200 ECGs; optional expanded up to 500 or 2,000 ECGs
Weight	29 lbs. (12.68 kg) including battery (without paper)
Dimensions	15.5" x 17" x 6" (39.4 cm x 43.2 cm x 15.2 cm)
Power Requirements	Universal AC power supply (100-240 VAC at 50/60 Hz) 150 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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