

12-LEAD resting electrocardiograph

MORTARA'S NEXT
GENERATION
12-LEAD RESTING
ELECTROCARDIOGRAPHS



ELI 250

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

- **Backlit LCD Display** – High-resolution display provides real time preview of 12-lead ECG and post-acquisition review of acquired ECG.
- **Mortara VERITAS Analysis Algorithm** – Internationally recognized Mortara resting interpretation algorithm provides silent second opinion for 12-lead ECG interpretation.
- **Full Keypad** – Alphanumeric elastomer keypad also includes dedicated “one-touch” buttons for ECG acquisition, rhythm printing and ECG transmission.
- **Full-size, Z-fold Paper** – Full-size paper (8.5" x 11" or A4 supported) output includes multiple Standard or Cabrera print options including 3+1, 3+3, 6-channel and 12-channel outputs.
- **Internal Storage** – Internal storage for up to 60 digital ECG records. Optional expanded storage for up to 150 digital ECG records.
- **Connectivity Options With XML Output** – Bi-directional data exchange with XML and PDF output via serial port, internal modem, LAN or wireless LAN.
- **Barcode Reader** – Optional barcode scanning for fast and accurate data entry.

E L I 2 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-lead Electrocardiograph
Input Channels	Simultaneous acquisition of 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 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 interpretation 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 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+1, 3+3 channel, 6-channel, 12-channel
Rhythm Print Formats	3-channel or 6-channel with configurable lead groups, or 12-channel
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 bit (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	11.25 lb. (5.1kg) including battery
Dimensions	15.5" x 17" x 4" (39.4 cm x 43.2 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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