

# 12-LEAD resting electrocardiograph

MORTARA'S NEXT  
GENERATION  
12-LEAD RESTING  
ELECTROCARDIOGRAPH



## ELI 250

### PRODUCT FEATURES

- **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** – Software options support bi-directional data exchange via serial port, internal modem, LAN or wireless LAN.

# 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
- Accessory Starter Kit
- Operator's Manual
- Hospital Grade Power Cord

### 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

<http://www.mortara.com>  
ISO 13485 Certified