

12-LEAD resting electrocardiograph

MORTARA'S NEXT
GENERATION
12-LEAD RESTING
ELECTROCARDIOGRAPHS



ELI 350

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

- **High Resolution 17" Color Display** – LCD with 1280 x 1024 resolution, impact resistant and adjustable viewing angle enables full preview of ECG prior to acquisition or printing.
- **VERITAS™ Resting ECG Interpretation Algorithm** – Internationally recognized Mortara resting interpretation algorithm provides silent second opinion for 12-lead ECG interpretation.
- **Network Ready** – Integrated support for bi-directional LAN communications and optional wireless LAN module with security support for WEP, WPA-PSK and Cisco LEAP protocols.
- **Ease of Use** – Intuitive icons and pointing device enable ease of navigation and simplified user training.
- **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** – 12-lead full disclosure ECG recording collects up to 30 minutes of diagnostic data.

ELI 350™ ELECTROCARDIOGRAPH

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, 17" SXGA color LCD 12-channel display
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. 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 bit (1.17 microvolt LSB)
Device Classification	Class I, Type CF defibrillation proof applied parts
ECG Storage	Up to 100 ECGs; optional expanded up to 500 ECGs
Weight	25 lb. including battery
Dimensions	15.5" x 17" x 6"
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

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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