

12-LEAD electrocardiograph

MORTARA'S NEXT
GENERATION
12-LEAD RESTING
ELECTROCARDIOGRAPH



ELI 150

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

- **Portable Unit** – Compact (29.5 x 28.6 x 10 cm) and lightweight (less than 3.5 kg), the ELI 150 provides full featured functionality in an ultra portable unit.
- **Connectivity Options** – Software options support bi-directional data exchange via serial port, internal modem, LAN, or integrated GSM modem.
- **Backlit 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 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.
- **Internal Storage** – Internal storage for up to 60 digital ECG records. Optional expanded storage for up to 150 digital ECG records.

E L I 1 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 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
Rhythm Display	Up to 6 leads
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 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 interpretation algorithm; connectivity options for bi-directional communication; flash memory storage of ECGs
Paper Type	Z-fold thermal paper; 108 mm (4") wide, perforated double Z-fold 200 double Z-fold sheets (at least 100 ECGs)
Thermal Recorder	Computer-controlled dot array; 8 dots/mm
Thermal Writer Speeds	25 or 50 mm/s
Gain Settings	5, 10, or 20 mm/mV
Report Print Formats	Standard or Cabrera; 3, 4 or 3+3 channel
Rhythm Print Formats	3 channel or 6-channel with configurable lead groups
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 interface 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	7.5 lbs. (13.5 kg) including battery
Dimensions	11.5" x 12" x 4" (29.2 cm x 30.5 cm x 10.2 cm)
Power Requirements	Universal AC power supply (100-; 40 VAC at 50/60 Hz) 50 VA. Interchangeable rechargeable battery.

*Specifications subject to change without notice.

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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.

 **Mortara INSTRUMENT**
The World Leader in ECG Technology

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