



The **Mortara ELI 350** is a 12-lead electrocardiograph that can acquire, view, transmit, print, and store ECG data. The ELI 350 from Mortara can optionally be configured with expanded memory, bi-directional connectivity, and DICOM. This Mortara ECG system can also optionally be equipped with VERITAS resting ECG interpretation algorithm. It has a 17" liquid crystal display to view waveforms and other parameters.

Features

- 12-Lead electrocardiogram.
- 17-Inch backlit LCD.
- Prints on full-size 8.5x11 or A4 Z-fold thermal paper.
- Weighs less than 30-pounds.



Specifications

Dimensions

Height: 17 in. (43.2 cm)

Width: 15.5 in. (39.4 cm)

Depth: 6 in. (15.2 cm)

Weight (with battery but without paper): 27.9 lbs (12.68 kg)

ECG

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

Digital Sampling Rate: 10,000 s/sec/channel used for pacemaker spike detection; 1000s/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; Exercise Stress option with report generation; Late Potential

Display

Type: Backlit, 17 " SXGA color LCD display

Paper and Recorder

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: 3+1, 3+3, 6, or 12 channel

Rhythm Print Formats: 3, 6, or 12 channel with configurable lead groups

General

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, 150 Hz, or 300 Hz

A/D Conversion: 20 bits (1.17 microvolt LSB)

Device Classification: Class I, Type CF defibrillation-proof applied parts

ECG Storage: Internal storage up to 200 ECGs; optional expanded up to 500 or 2,000 ECGs

