

# ELI 230

MORTARA'S NEXT GENERATION 12-LEAD RESTING ELECTROCARDIOGRAPHS

## PRODUCT FEATURES

- **Value without Compromise**

The ELI™ 230 electrocardiograph provides complete functionality in a portable, compact device. Easy to use and feature rich, the ELI 230 offers a valuable solution with capabilities such as signal quality, accurate and reliable ECG interpretation, and full-size printouts.

- **High-Resolution Color LCD**

High-resolution color display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG.

- **Distinguished Mortara VERITAS™ Resting ECG Interpretation Algorithm**

Widely recognized Mortara resting ECG interpretation algorithm uses gender and age specific criteria to provide a silent second opinion for resting ECG interpretation.

- **Choice of Wireless or Traditional ECG Acquisition**

ELI 230 offers a choice of either the innovative WAM™ wireless acquisition module or the AM12™ acquisition module. Both include replaceable lead wires, lead fail indicator, and remote control with buttons for ECG acquisition and rhythm printing.

- **Best 10**

ELI 230 automatically selects and displays the Best 10 seconds of ECG signal from the one-minute segment of internal full disclosure, reducing clinical review time and eliminating the need for repeat ECGs.

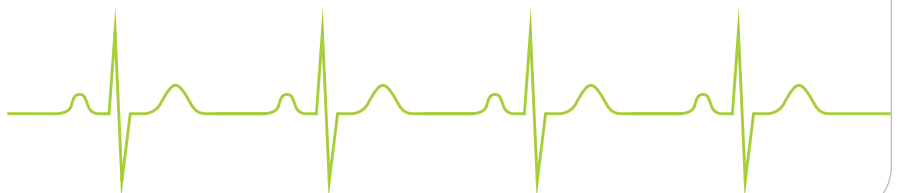
- **Diagnostic Quality**

Mortara technology features full diagnostic ECG quality with a high-fidelity acquisition sampling rate of 40,000 samples per second per channel, a benefit for accurate pacemaker detection.

12-LEAD resting electrocardiograph



 Mortara





# ELI™ 230 ELECTROCARDIOGRAPH

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ISO 13485 CERTIFIED



## WARRANTY + SERVICE

Mortara Instrument is committed to the highest level of customer support. Please contact us for the program which best suits your needs.

FEATURE	SPECIFICATION*
<b>INSTRUMENT TYPE</b>	12-lead electrocardiograph
<b>INPUT CHANNELS</b>	Simultaneous acquisition of all 12 leads
<b>STANDARD LEADS ACQUIRED</b>	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
<b>WAVEFORM DISPLAY</b>	Backlit, 1/4 VGA 320 x 240 LCD color display 4+4 or 6+6 lead presentation
<b>INPUT IMPEDANCE INPUT DYNAMIC RANGE ELECTRODE OFFSET TOLERANCE COMMON MODE REJECTION</b>	Meets or exceeds the requirements of ANSI/AAMI EC11
<b>PATIENT LEAKAGE CURRENT CHASSIS LEAKAGE CURRENT</b>	Meets or exceeds the requirements of ANSI/AAMI ES1
<b>DIGITAL SAMPLING RATE</b>	40,000 s/sec/channel used for pacemaker spike detection; 1000 s/sec/channel used for recording and analysis
<b>RESOLUTION</b>	1.875 microvolt LSB
<b>A/D CONVERSION</b>	20 bits
<b>FREQUENCY RESPONSE</b>	0.05 to 300 Hz
<b>FILTERS</b>	High-performance baseline filter; AC interference filter 50/60 Hz; low-pass filters 40 Hz, 150 Hz, or 300 Hz
<b>LEAD REVERSAL DETECTION</b>	Notification of possible lead reversal conditions, for both limb and chest leads, indicated on the display, prior to printing
<b>PACEMAKER SPIKE DETECTION</b>	Pacemaker spike markers, for both atrial and ventricular rhythms, indicated on printouts
<b>OPTIONAL FUNCTIONS</b>	Optional Mortara VERITAS resting ECG interpretation with age and gender specific algorithm
<b>PAPER</b>	Thermal roll paper; 210 mm (8.25") wide
<b>THERMAL PRINTER</b>	Computer-controlled dot array; 8 dots/mm
<b>THERMAL PRINTER SPEEDS</b>	5, 10, 25, or 50 mm/s
<b>GAIN SETTINGS</b>	5, 10, or 20 mm/mV
<b>REPORT PRINT FORMATS</b>	Standard or Cabrera; 12, 6, or 3+1 channel
<b>RHYTHM PRINT FORMATS</b>	12, 6, or 3 channel with configurable lead groups
<b>DEVICE CLASSIFICATION</b>	Class I, Type CF defibrillation-proof applied parts
<b>ECG STORAGE</b>	Internal storage up to 20 ECG records; external storage to USB memory stick
<b>CONNECTIVITY</b>	Review or print from ELI Link V3.1x
<b>WEIGHT</b>	5.8 lbs. (2.63 kg) including battery (without paper)
<b>DIMENSIONS</b>	11.25 x 7.5 x 2.75" (28.58 x 19 x 7 cm)
<b>POWER REQUIREMENTS</b>	Universal AC power supply (100-240 VAC at 50/60 Hz) 110 VA; internally rechargeable battery

\*Specifications subject to change without notice.

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