

ELI 230

MORTARA'S NEXT GENERATION 12-LEAD RESTING ELECTROCARDIOGRAPHS

PRODUCT FEATURES

- **Value without Compromise**

The ELI™ 230 electrocardiograph provides complete functionality in an ultra-portable, compact unit. Easy to use, the ELI 230 is a value electrocardiograph without compromise on features such as signal quality, accurate and reliable ECG interpretation, full-size printouts and much more.

- **High-Resolution LCD Color Display**

Preview up to 12 leads simultaneously before printing. Heart rate, print speed and gain, filter, time, and menu selections are all visible at a glance.

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

Internationally recognized Mortara resting ECG interpretation algorithm with adult and pediatric criteria provides a silent second opinion for 12-lead ECG interpretation.

- **Choice of traditional (AM12™) or wireless ECG acquisition (WAM™)**

The ELI 230 electrocardiograph offers a choice of either the AM12 acquisition module or the WAM wireless acquisition module, both with replaceable lead wires and remote control of the ELI 230 with buttons for ECG acquisition and rhythm printing.

- **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.

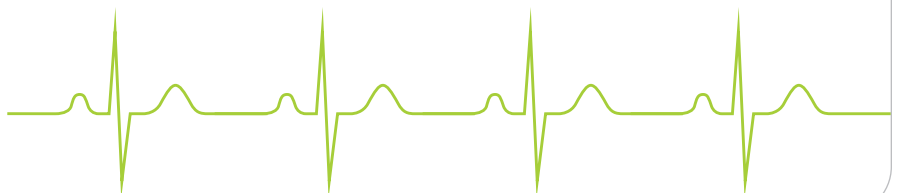
- **Efficient Power Management**

The ELI 230 is powered by AC or an internal battery that only needs a recharge after 200 ECGs.

12-LEAD resting electrocardiograph



Mortara



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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 will be best suited for your needs.

**ELI™ 230 ELECTROCARDIOGRAPH**

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 320 x 240 LCD color display 4+4 or 6+6 lead presentation
INPUT IMPEDANCE INPUT DYNAMIC RANGE ELECTRODE OFFSET TOLERANCE COMMON MODE REJECTION	Meets or exceeds the requirements of ANSI/AAMI EC11
PATIENT LEAKAGE CURRENT CHASSIS LEAKAGE CURRENT	Meets or exceeds the requirements of ANSI/AAMI ES1
DIGITAL SAMPLING RATE	40,000 s/sec/channel used for pacemaker spike detection; 1000 s/sec/channel used for recording and analysis
RESOLUTION	1.875 microvolt LSB
A/D CONVERSION	20 bits
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
SPECIAL FUNCTIONS	Optional Mortara VERITAS resting ECG interpretation with age and gender specific algorithm
PAPER TYPE	Thermal roll paper; 210 mm (8.25") wide
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; 12, 6, or 3+1 channel
RHYTHM PRINT FORMATS	12, 6, or 3 channel with configurable lead groups
DEVICE CLASSIFICATION	Class I, Type CF defibrillation-proof applied parts
WEIGHT	8 lbs. (3.63 kg) including battery (without paper)
DIMENSIONS	11.25 x 8 x 3.75" (29.2 x 20.3 x 10.2 cm)
POWER REQUIREMENTS	Universal AC power supply (100-240 VAC at 50/60 Hz) 110 VA; internally rechargeable battery

*Specifications subject to change without notice.

AM12™, ELI™, VERITAS™, and WAM™ are trademarks of Mortara Instrument, Inc.