

# ELI 280

MORTARA'S NEXT GENERATION 12-LEAD RESTING ELECTROCARDIOGRAPHS

## PRODUCT FEATURES

### • Portable Solution

Compact and lightweight, the ELI™ 280 electrocardiograph provides comprehensive functionality in a portable, touch-screen device. The easy-to-use ELI 280 is designed to meet the demands of high-volume ECG environments.

### • High-Resolution Color Touchscreen LCD

10.1" high-resolution color LCD with convenient touchscreen displays up to 12 leads of ECG data for immediate review and plotting.

### • Distinguished Mortara VERITAS™ Resting ECG Interpretation Algorithm

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

### • Choice of Wireless or Traditional ECG Acquisition

ELI 280 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 280 automatically selects and displays the Best 10 seconds of ECG signal from the 5-minute segment of internal full disclosure, reducing clinical review time and eliminating the need for repeat ECGs.

### • Streamlined Functionality

ELI 280 easily integrates with cardiology management systems for increased efficiency and optimized workflow. With automatic time sync and the ability to obtain orders and reports with a single touch, the ELI 280 can save user time and effort.

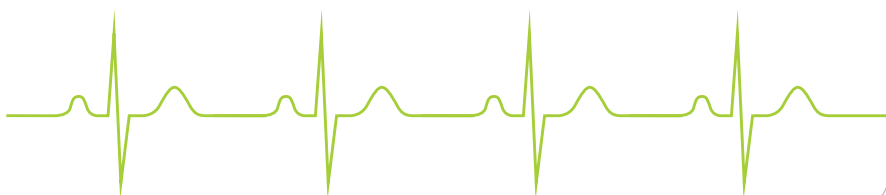
### • Information Exchange

Experience the benefits of bidirectional communication via internal modem, LAN, or wireless LAN with Mortara's E-Scribe™, as well as third party PACS systems via XML, PDF, UNIPRO32, and DICOM®.



12-LEAD resting electrocardiograph

 Mortara



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**WARRANTY + SERVICE**

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

**ELI 280™ ELECTROCARDIOGRAPH**

FEATURE	SPECIFICATION*
<b>INSTRUMENT TYPE</b>	Multi-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, 10.1" high-resolution color LCD
<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>OPTIONAL FUNCTIONS</b>	Mortara VERITAS resting ECG interpretation algorithm with age and gender specific criteria; connectivity with bidirectional communication
<b>PAPER</b>	Perforated Z-fold thermal paper, A4 or 8.5 x 11" wide, 250 sheets
<b>THERMAL PRINTER</b>	Computer-controlled dot array; 1 dot/ms horizontal, 8 dots/mm vertical
<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: 3+1, 3+3, 6, 6+6, or 12 channel
<b>RHYTHM PRINT FORMATS</b>	3, 6, 8, or 12 channel with configurable lead groups
<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>A/D CONVERSION</b>	20 bits (1.17 microvolt LSB)
<b>DEVICE CLASSIFICATION</b>	Class I, Type CF defibrillation-proof applied parts
<b>ECG STORAGE</b>	Internal storage up to 40 ECGs; optional expanded up to 200 ECGs
<b>WEIGHT</b>	12.5 lbs. (5.68 kg) including battery (without paper)
<b>DIMENSIONS</b>	17.5 x 15.5 x 4.5" (44.45 x 39.37 x 11.43 cm)
<b>POWER REQUIREMENTS</b>	Universal AC power supply (100-240 VAC at 50/60 Hz) 110 VA; internal rechargeable battery

\*Specifications subject to change without notice.

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