

# 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 interpretive algorithm uses gender specific, adult and pediatric criteria to provide a silent second opinion for resting ECG interpretation. Displays hook-up confirmation which includes detection of lead reversals.

### • Data Security

Electronic protected health information (ePHI) data is secured with Lightweight Directory Access Protocol (LDAP) integration which enables user authentication and authorization. Additionally, bidirectional network encryption ensures protection of sensitive ePHI in ECGs, orders and patient lists.

### • 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 evaluates ECG signal and noise to determine the best 10 seconds of data recorded and automatically displays the selected data. Best 10 simplifies ECG acquisition by reducing clinical review time and eliminating the need for repeat ECGs.

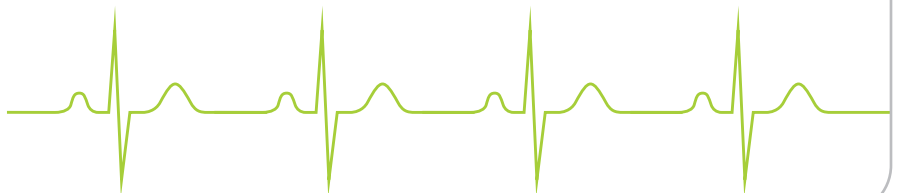
### • Information Exchange

Bidirectional communication via LAN or wireless LAN enables connectivity to Mortara's Pyramis®, HeartCentrix®, E-Scribe™ and Athena products, as well as to third party EHR, PACS and CVIS. ELI 280 also communicates to Mortara's ECG Safe™, a cloud-based service that provides an easy, effective way to store ECGs for convenient viewing and file management from anywhere.



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 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 samples/second/channel used for pacemaker spike detection; 1,000 samples/second/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; LDAP security and network encryption
<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>LDAP SECURITY AND NETWORK ENCRYPTION</b>	Requires ELI Link software version 4.4.0 or greater
<b>WEIGHT</b>	13.9 lbs. (6.30 kg) including battery (without paper)
<b>DIMENSIONS</b>	15.25(w) x 17.25 (d) x 4" (h) (38.73 x 43.81 x 10.16 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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Product may not be available for sale in all countries. Please contact your Mortara Instrument representative to determine if the product is available in your country.

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