

# ELI 280

## 12-lead Resting Electrocardiograph



### PRIMARY BENEFITS:

- **Data visibility.** The 10" high-resolution color display, with intuitive touchscreen capability, clearly presents all 12 leads of data simultaneously.
- **Best 10 technology.** Capture the best 10 seconds of ECG data from system memory, reducing the need for repeat ECGs.
- **Wireless data acquisition.** Increase workspace flexibility by acquiring 12-lead data without the need for a tethered cable.
- **Streamlined functionality.** ELI™ 280 easily integrates with your practice and data management systems for increased efficiency and optimized workflow. With multiple connectivity options, the ELI 280 can save users time and effort.

### SETTING THE STANDARD FOR THE NEW NORMAL IN ELECTROCARDIOGRAPHS

- Compact and lightweight, the ELI 280 electrocardiograph provides comprehensive functionality in a portable, touchscreen device. The easy-to-use ELI 280 is designed to meet the demands of high-volume ECG environments.
- 10.1" high-resolution color LCD, with convenient touchscreen, displays up to 12 leads of ECG data for immediate review and plotting.
- Widescreen data layout allows for easy menu navigation, fast entry of patient information, and clear verification of proper electrode connections.
- Proven ECG performance, digital integration and VERITAS™ algorithm accuracy with more than 30 years of expertise for a more confident interpretation.

### AN ADVANCED FEATURE-SET DESIGNED TO HELP YOU IMPROVE WORKFLOW

- Our unique Best 10 feature automatically selects and displays the best 10 seconds of ECG data from memory, reducing the need for repeat ECGs caused by patient movement or other sources of ECG artifact.
- Choose between 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.
- Easy bidirectional connectivity allows practices to take orders/send reports with a single keystroke. Choose PDF output, connections to EHR/MIS systems or DICOM® - our latest connectivity offering that simplifies patient information transfer to data management systems.
- 1,000 sps per channel data capture provides more in-depth ECG signal assessment during analysis, display and printing; 40,000 sps per channel offers unsurpassed pacemaker spike detection.





## ELI™ 280 ELECTROCARDIOGRAPH

### MORTARA INSTRUMENT, INC.

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ISO 13485 CERTIFIED

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</b> <b>INPUT DYNAMIC RANGE</b> <b>ELECTRODE OFFSET TOLERANCE</b> <b>COMMON MODE REJECTION</b>	Meets or exceeds the requirements of ANSI/AAMI EC11
<b>PATIENT LEAKAGE CURRENT</b> <b>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>	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 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

### WARRANTY + SERVICE

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



\*Specifications subject to change without notice.

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