

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 20-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.

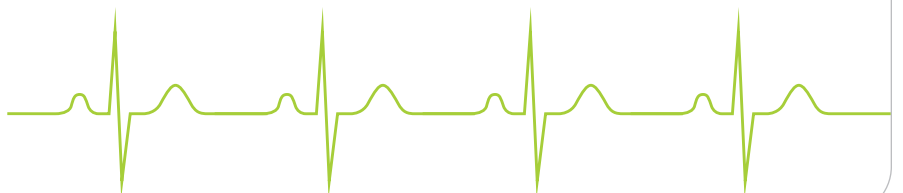
- **Information Exchange**

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**



FEATURE	SPECIFICATION*
INSTRUMENT TYPE	Multi-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, 10.1" high-resolution color LCD
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
OPTIONAL FUNCTIONS	Mortara VERITAS resting ECG interpretation algorithm with age and gender specific criteria; connectivity with bidirectional communication
PAPER	Perforated Z-fold thermal paper, A4 or 8.5 x 11" wide, 250 sheets
THERMAL PRINTER	Computer-controlled dot array; 1 dot/ms horizontal, 8 dots/mm vertical
THERMAL PRINTER SPEEDS	5, 10, 25, or 50 mm/s
GAIN SETTINGS	5, 10, or 20 mm/mV
REPORT PRINT FORMATS	Standard or Cabrera: 3+1, 3+3, 6, 6+6, or 12 channel
RHYTHM PRINT FORMATS	3, 6, or 12 channel with configurable lead groups
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
A/D CONVERSION	20 bits (1.17 microvolt LSB)
DEVICE CLASSIFICATION	Class I, Type CF defibrillation-proof applied parts
ECG STORAGE	Internal storage up to 100 ECGs; optional expanded up to 200 ECGs
WEIGHT	12.5 lbs. (5.68 kg) including battery (without paper)
DIMENSIONS	17.5 x 15.5 x 4.5" (44.45 x 39.37 x 11.43 cm)
POWER REQUIREMENTS	Universal AC power supply (100-240 VAC at 50/60 Hz) 110 VA; internal rechargeable battery

*Specifications subject to change without notice.
Not available in the U.S. or Canada.