

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.
- 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.
- Easy bidirectional connectivity allows practices to take orders/send reports with a single keystroke. Bidirectional communication via USB, LAN or wireless LAN enables connectivity to third party EHR, PACS and CVIS, as well as to Mortara's HeartCentrix®, Pyramis® and E-Scribe™ products. ELI 280 also communicates to Mortara's ECG Safe™, a cloud service that provides an easy, effective way to store ECGs for convenient viewing and file management from anywhere.





ELI™ 280 ELECTROCARDIOGRAPH

MORTARA INSTRUMENT, INC.

7865 North 86th Street
Milwaukee, WI 53224
U.S.A.
Tel: 414.354.1600
Tel: 800.231.7437
Service: 888.MORTARA
Fax: 414.354.4760

MORTARA INSTRUMENT EUROPE S.R.L.

(European Headquarters)
Via Cimarosa 103/105
40033 Casalecchio di Reno (BO)
Italy
Tel: +39.051.298.7811
Fax: +39.051.613.3582

MORTARA INSTRUMENT AUSTRALIA

PO Box 7568
Baulkham Hills NSW 2153
Unit 28, 9 Hoyle Avenue
Castle Hill NSW 2154
Australia
Tel: +61 2 8070 9303
Fax: +61 2 9899 9478

MORTARA DOLBY UK LTD.

Units 11 & 12, Scion House
Stirling University Innovation Park
Stirling FK9 4NF
Scotland
Tel: +44.1786.444980
Fax: +44.1786.446630

www.mortara.com

ISO 13485 CERTIFIED

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	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, 8, 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 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

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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