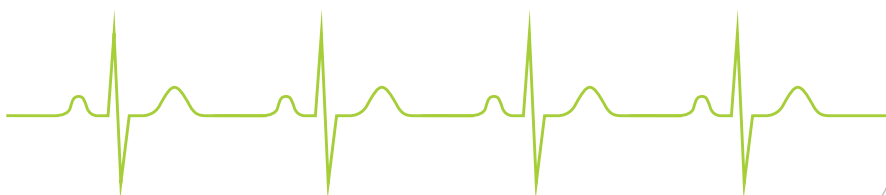# ELI 280

12-LEAD resting electrocardiograph

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 incorporates Mortara's unique Best 10 feature which automatically selects and displays the best 10 seconds of ECG from memory, reducing the need for repeat ECGs caused by patient movement or other sources of ECG artifact.

- **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®.

♡Mortara

Mortara

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 RANGONI EUROPE, SRL
(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

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*
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, 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 40 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.

AM12™, ELI™, E-Scribe™, VERITAS™, and WAM™ are trademarks of Mortara Instrument, Inc.

DICOM® is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information.