

ELI 250c

12-lead Resting Electrocardiograph



PRIMARY BENEFITS:

- **Portable solution.** Compact and lightweight, the ELI™ 250c electrocardiograph provides comprehensive functionality, in an easy-to-use, portable device.
- **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 gathering 12-lead data without the need for a tethered cable.
- **Connectivity your way.** Multiple options ensure patient data transfers easily from the ELI 250c to the location of your choice.

BURDICK'S NEXT GENERATION OF 12-LEAD ELECTROCARDIOGRAPHS

- High-resolution color display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG.
- Chest and limb lead reversal indicators on the display assist the clinician with possible errors during ECG acquisition.
- VERITAS™ resting ECG algorithm uses gender specific and adult and pediatric criteria to provide a silent second opinion for diagnostic interpretation.
- Proven ECG performance, digital integration and more than 30 years of expertise help to ensure your ECG needs will be met.

CLINICAL RELIABILITY WITH BIDIRECTIONAL COMMUNICATION

- 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.
- Our unique Best 10 feature automatically selects and displays the best 10 seconds of ECG data from the memory, reducing clinical review time and eliminating 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.





ELI™ 250c 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 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

FEATURE

SPECIFICATION*

INSTRUMENT TYPE	12-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, 1/4 VGA color LCD (320 x 240); 3, 4+4, or 6+6 lead presentation
INPUT IMPEDANCE	Meets or exceeds the requirements of ANSI/AAMI EC11
INPUT DYNAMIC RANGE	
ELECTRODE OFFSET TOLERANCE	
COMMON MODE REJECTION	
PATIENT LEAKAGE CURRENT	Meets or exceeds the requirements of ANSI/AAMI ES1
CHASSIS LEAKAGE CURRENT	
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, or 12 channel with configurable lead groups
KEYBOARD	Elastomer keyboard with complete alphanumeric keys, soft-key menu, and dedicated function keys
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	11.25 lbs. (5.1 kg) including battery (without paper)
DIMENSIONS	15.5 x 17 x 4" (39.4 x 43.2 x 10.2 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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