# ELI™ 250c 12-Lead Resting ECG

Specifications

## Product Features

- Portable Solution — Compact and lightweight, the ELI™ 250c electrocardiograph provides comprehensive functionality, with 8.5 x 11" or A4 paper, in an easy-to-use, portable device.
- High-Resolution Color LCD — High-resolution color display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG.
- Distinguished VERITAS® Resting ECG Interpretation Algorithm — Widely recognized 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 — The ELI 250c ECG 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 — The ELI 250c ECG evaluates ECG signal and noise to determine and select the 10 seconds of data with the least amount of noise. Best 10 simplifies ECG acquisition by reducing clinical review time and eliminating the need for repeat ECGs.
- Full Keyboard — Alphanumeric elastomer keyboard features dedicated "one-touch" buttons for ECG acquisition, rhythm printing and ECG transmission/order retrieval.
- Information Exchange — Bidirectional communication via USB, LAN or wireless LAN enables connectivity to Pyramis®, HeartCentrix®, E-Scribe™ and Athena products, as well as to third-party EHR, PACS and CVIS systems. The device also communicates to the ECG Safe™ system, a cloud service that provides an easy, effective way to store ECGs for convenient viewing and file management from anywhere.

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| ELI 250c Electrocardiograph | |
|---|---|
| **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<br>Input Dynamic Range<br>Electrode Offset Tolerance<br>Common Mode Rejection | Meets or exceeds the requirements of ANSI/AAMI EC11 |
| Patient Leakage Current<br>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;<br>1,000 s/sec/channel used for recording and analysis |
| Optional Functions | 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; 8 dots/mm |
| 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 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 |

Specifications subject to change without notice.

For more information, contact your local Welch Allyn representative or visit **www.welchallyn.com.**

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