

# ELI™ 150c 12-Lead Resting ECG

## Specifications

### Product Features

- **Portable Solution** — Compact and lightweight, the ELI™ 150c electrocardiograph provides comprehensive functionality in an ultra-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** — ELI 150c 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 150c automatically selects and displays the 10 seconds of data with the least amount of noise from the five-minute segment of internal full disclosure, 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, internal modem, LAN wireless LAN, or GPRS enables connectivity to Pyramis®, HeartCentrix®, E-Scribe™ and Athena products, as well as to third-party EHR, PACS and CVIS systems. ELI 150c 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.



## ELI 150c 12-Lead Resting ECG

| 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>1000 s/sec/channel used for recording and analysis                       |
| Optional Functions  | VERITAS resting ECG interpretation algorithm with age and gender-specific criteria;<br>connectivity with bidirectional communication |
| Paper   | Perforated double Z-fold thermal paper; 108 mm (4") wide, 200 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, 3+1, 3+3, or 6 channel   |
| Rhythm Print Formats  | 3 or 6 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  | 7.2 lbs. (3.3 kg) including battery (without paper)  |
| Dimensions  | 11.25 x 11.5 x 3.75" (29.2 x 30.5 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](http://www.welchallyn.com).



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