

ELI™ 230 12-Lead Resting ECG

Specifications

Product Features

- **Value without Compromise** — The ELI™ 230 electrocardiograph provides complete functionality in a portable, compact device. Easy to use and feature rich, the ELI 230 offers a valuable solution with capabilities such as signal quality, accurate and reliable ECG interpretation and full-size printouts.
- **High-Resolution Color LCD** — High-resolution color display provides real-time preview of 3-, 8- or 12-lead ECG and post-acquisition review of acquired ECG.
- **Distinguished VERITAS® Resting ECG Interpretation Algorithm** — Widely recognized resting ECG interpretation algorithm uses gender- and criteria to provide a silent second opinion for resting ECG interpretation.
- **Choice of Wireless or Traditional ECG Acquisition** — The ELI 230 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 230 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 helping to eliminate the need for repeat ECGs.
- **Diagnostic Quality** — The ELI 230 ECG features full diagnostic ECG quality with a high-fidelity acquisition sampling rate of 40,000 samples per second per channel, a benefit for accurate pacemaker detection.



ELI 230 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 320 x 240 LCD color display 4+4 or 6+6 lead presentation
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 samples/second/channel used for pacemaker spike detection; 1,000 samples/second/channel used for recording and analysis
Resolution	1.875 microvolt LSB
A/D Conversion	20 bits
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
Lead Reversal Detection	Notification of possible lead reversal conditions for both limb and chest leads indicated on the display prior to printing
Pacemaker Spike Detection	Pacemaker spike markers for both atrial and ventricular rhythms indicated on printouts
Optional Functions	Optional VERITAS resting ECG interpretation with age- and algorithm
Paper	Thermal roll paper; 210 mm (8.25") wide
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; 12, 6 or 3+1 channel
Rhythm Print Formats	12, 6 or 3 channel with configurable lead groups
Device Classification	Class I, Type CF defibrillation-proof applied parts
ECG Storage	Internal storage up to 20 ECG records; external storage to USB memory stick
Connectivity	Review or print from ELI Link V3.1x
Weight	5.8 lbs (2.63 kg) including battery (without paper)
Dimensions	11.25 x 7.5 x 2.75" (28.58 x 19 x 7 cm)
Power Requirements	Universal AC power supply (100-240 VAC at 50/60 Hz) 110 VA; internally 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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Welch Allyn Cardiology is proud to be powered by Mortara.

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