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 using XML, PDF, DICOM and HL7 protocols. 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 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	VERITAS resting ECG interpretation algorithm with age and gender-specific criteria; connectivity with bidirectional communication
Paper	Perforated double Z-fold thermal paper; 108 x 140 mm, perforated double Z-fold thermal paper, 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	3.3 kg (7.2 lbs.) including battery (without paper)
Dimensions	29.2 x 30.5 x 10.2 cm (11.25 x 11.5 x 3.75")
Power Requirements	Universal AC power supply (100-240 VAC at 50/60 Hz) 110 VA; internal rechargeable battery

Specifications subject to change without notice.

Contact your Welch Allyn representative today or visit **http://emeai.welchallyn.com**

POWERED BY Mortara

Clinical excellence. Connected solutions. Continuous innovation.
Welch Allyn Cardiology is proud to be powered by Mortara.

Welch Allyn EMEAI Customer Care
IDA Business Park - Johnstown
Navan, County Meath, Ireland
(p) +353 46 906 7700
europe@welchallyn.com

EMEAI.WELCHALLYN.COM

Welch Allyn® Hill-Rom

©2018 WELCH ALLYN, INC. ALL RIGHTS RESERVED. DOC. NO: SM4169EU REV.A MC14625, FEB. 2018

The ELI 150 electrocardiograph is intended to be used by clinicians and medically qualified personnel to acquire, analyze, display, and print electrocardiograms. The interpretations of ECG offered by the device are only significant when used in conjunction with a physician over-read as well as consideration of all other relevant patient data. It is intended for use on adult and pediatric populations. Medical device (93/42/EEC): Class IIa. Notified Body: LNE/G-MED (CE0459) Manufacturer: Mortara Instrument, Inc., Milwaukee, Wisconsin U.S.A. EC Rep.: Mortara Instrument Europe, Srl , Via Cimarosa 103-105, 40033 Casalecchio di Reno (BO), Italy. This medical device is a regulated health product which, pursuant to such regulation bears a CE mark. Welch Allyn recommends that you carefully read the detailed instructions for safe and proper use included in the documents accompanying the medical devices. The personnel of healthcare establishments are responsible for the proper use and maintenance of these medical devices. Welch Allyn reserves the right to make changes without notice in design, specifications and models. The only warranty Welch Allyn makes is the express written warranty extended on the sale of its products.