



**Hillrom™**

# Welch Allyn® ELI® 280 Resting Electrocardiograph

## PRODUCT SPECIFICATIONS

<b>Instrument Type</b>	Multi-lead electrocardiograph
<b>Input Channels</b>	Simultaneous acquisition of all 12 leads
<b>Standard Leads Acquired</b>	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
<b>Waveform Display</b>	Backlit, 10.1" high-resolution color LCD
<b>Input Impedance Input Dynamic Range Electrode Offset Tolerance Common Mode Rejection</b>	Meets or exceeds the requirements of IEC 60601-2-25
<b>Patient Leakage Current Chassis Leakage Current</b>	Meets or exceeds the requirements of IEC 60601-2-25
<b>Digital Sampling Rate</b>	40,000 samples/second/channel used for pacemaker spike detection 1,000 samples/second/channel used for recording and analysis 500 samples/second/channel used for storing rhythm recordings
<b>Paper</b>	Perforated Z-fold thermal paper, A4 or 8.5 x 11" wide, 250 sheets
<b>Thermal Printer</b>	Computer-controlled dot array; 1 dot/ms horizontal, 8 dots/mm vertical
<b>Thermal Printer Speeds</b>	5, 10, 25, or 50 mm/s
<b>Gain Settings</b>	5, 10, or 20 mm/mV
<b>Report Print Formats</b>	Standard or Cabrera: 3+1, 3+3, 6, 6+6, or 12 channel
<b>Rhythm Print Formats</b>	3, 6, 8 or 12 channel with configurable lead groups



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<b>Keyboard</b>	Touchscreen keyboard with alphanumeric keys, soft-key menu and dedicated function keys
<b>Frequency Response</b>	0.05 to 300 Hz
<b>Filters</b>	High-performance baseline filter; AC interference filter 50/60 Hz; low-pass filters 40 Hz, 150 Hz, or 300 Hz
<b>A/D Conversion</b>	20 bits (1.17 microvolt LSB)
<b>Device Classification</b>	Class I, Type CF defibrillation-proof applied parts
<b>ECG Storage</b>	Internal storage up to 40 ECGs Optional expansion up to 200 ECGs Internal storage up to 5 Rhythm Recordings
<b>Information Exchange</b>	Requires ELI Link software version 4.2.0 or greater NOTE: Requires ELI Link software version 5.2.0 or greater for transmission of Rhythm Recordings
<b>Advanced Security</b>	Requires software version 2.0.0 or greater Requires ELI Link software version 4.4.0 or greater
<b>Weight</b>	13.9 lbs. (6.30 kg) including battery (without paper)
<b>Dimensions</b>	15.5 x 17 x 4" (39.4 x 43.2 x 10.2 cm)
<b>Power Requirements</b>	Universal AC power supply (100-240 VAC at 50/60 Hz) – Internal, rechargeable sealed lead-acid battery – Battery charge times from minimum level, 10.6V to: 85% 4 hours 90% 7 hours 100% 7+ hours
<b>Optional Functions</b>	Connectivity with bidirectional communication; advanced security



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Contact your Hillrom representative or visit [hillrom.com](http://hillrom.com) to learn more.

**hillrom.com**

4341 State Street Road, Skaneateles Falls, NY 13153

Specifications subject to change without notice. Product may not be available for sale in all countries. Please contact your Hillrom representative to determine if the product is available in your country.

Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.