



Hillrom™

# Welch Allyn® Q-Stress® Cardiac Stress Testing System

## PRODUCT FEATURES

### SIMPLE

- Logical user interface with left-to-right navigation and intuitive controls guides users through procedures with ease
- Only solution with our patented Source Consistency Filter (SCF) that minimizes noise and baseline artifact offering an accurate picture of the ECG waveform
- Wireless Acquisition Module (WAM™) digitally transmits ECG data to help make exams easier and more comfortable for patients
- Best-in-class VERITAS® algorithm enables quick access to the diagnostic information needed to make the best clinical decisions

### SECURE

- Encryption available to protect the information that matters most
- Flexible configurations enable over-reads, billing, and data storage that can all be tailored to your workflow

### CONNECTED

- Send data to virtually any EMR, ECG management system or PAC with our customizable, scalable platform
- Communicate bidirectionally using HL7® or DICOM® to reduce errors while providing an electronic, editable format to your team



DoD RMF



Approved

## PRODUCT SPECIFICATIONS

<b>Operating System</b>	Microsoft® Windows® 10 Pro 64-bit
<b>Power Requirements</b>	100/120 VAC 50/60 Hz 2.5 A nominal; 200/240 VAC 50/60 Hz 1.3 A nominal
<b>Protocols</b>	Standard: Bruce, Modified Bruce, Modified Balke, Naughton, USAF/SAM 2.0, USAF/SAM 3.3, Ramped-low, Ramped-medium, Ramped-high, Time-Ramp, and METs Ramp, Astrand (ergometer), pharmacological and more Custom: Up to 100 custom protocols supported
<b>Front-End Module</b>	AM™12Q with AHA 10-electrode-pinch or snap connectors AM12Q with IEC 10-electrode-pinch or snap connectors Wireless Acquisition Module (WAM) for wireless ECG acquisition with AHA 10-electrode-pinch connectors Wireless Acquisition Module (WAM) module for wireless ECG acquisition with IEC 10-electrode-pinch connectors
<b>ECG</b>	Lead Groups: Standard (Mason-Likar), Cabrera 12-lead Display Format: 3, 6, 6 x 2 or 12 x 1 channels Performance Standard: IEC 60601-2-25: gain accuracy, frequency response, CMRR, system noise, dynamic range and input impedance

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<b>Display and Analysis Filters</b>	Source Consistency Filter (SCF), muscle artifact, baseline wander, 40 Hz low pass, line frequency
<b>Reports</b>	In-Test: 12-lead, average beat report, 1-page write screen, continuous rhythm, arrhythmia events Final: Summary, tabular, worst case, average beats by stage or by minute, in-test ECG reports, trend graphs and peak exercise. Reports can be viewed, printed, saved in PDF format, emailed or exported in PDF, XML and DICOM. Custom: Unlimited customizable reports
<b>Outputs</b>	TTL pulse and analog signals for QRS detection synchronization using any ECG lead
<b>External Device Interfaces</b>	Treadmills: TM 55, Trackmaster TMX428 Ergometers: Compatible with Ergoline and Lode communication protocols Blood Pressure Monitors: SunTech® Tango®+ and Tango M2
<b>Printers</b>	Thermal: High-resolution Z200+ with automatic feed and continuous printing capability (requires additional network port) Laser: Optional compact HP M501dn laser printer with high-quality print (recommended) Paper: 8.5 x 11 in (letter) or 210 x 300 mm (A4)
<b>Network Interface</b>	Microsoft-compatible networking for storage, distribution and email; 100 Mbps connection or better is required
<b>Paper</b>	Smart (210 x 280 mm), perforated Z-fold thermal cued paper with full grid; 250 sheets stored in paper tray
<b>Export/Communication Protocol/Format</b>	TCP/IP, PDF, XML, HL7, DICOM
<b>Remote Technical Service Interface</b>	Remote service increases system uptime availability and decreases the user's requirement to assist the troubleshooting process. Available via network or desktop connections (only in the US).
<b>Display</b>	24 in (609 mm) flat panel LCD; 24 in touchscreen display is optional
<b>System Dimensions and Weight</b>	Height: 62.5 in (159 cm) floor to display top Width: 24.6 in (63 cm) desktop only; 32.6 in (83 cm) with paper tray; 50 in (127 cm) with side shelf and paper tray Depth: 22.5 in (57 cm) Weight: Approximately 270 lbs (122.5 kg)
<b>Warranty</b>	13 months parts and labor
<b>Options</b>	Networking, Resting ECG Analysis, ST-segment Re-Analysis, TTL Trigger, WAM

## ORDERING INFORMATION — ACCESSORIES

<b>9922-019-50</b>	SunTech Tango M2 BP Monitor Kit for Q-Stress
<b>9922-017-52</b>	SunTech Tango+ and Tango M2 SpO <sub>2</sub> option
<b>41000-036-51</b>	Wireless Acquisition Module Kit with AHA Short Lead Set (WAM + AHA Lead Set + UTK + USB Cable + Belt Pouch + WAM Holder for Cart)
<b>9100-026-60</b>	Thermal Paper, Z-Fold, 8.5 in x 11 in (216 mm x 279 mm), 250 sheets/pack, 12 packs/case. Price per case.

Specifications are subject to change without notice.

For more information, please contact your local Hillrom representative or visit [hillrom.com/QStress](http://hillrom.com/QStress).



[hillrom.com](http://hillrom.com)

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.