



Hillrom™

Welch Allyn® Q-Stress® Cardiac Stress Testing System with Enhanced Security

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
- Enhanced security configurations designed for the strengthened Q-Stress System

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



PRODUCT SPECIFICATIONS

Operating System	Microsoft® Windows® 10 LTSC 64-bit
Power Requirements	100/120 VAC 50/60 Hz 2.5 A nominal; 200/240 VAC 50/60 Hz 1.3 A nominal
Protocols	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
Front-End Module	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
ECG	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

PRODUCT SPECIFICATIONS

Display and Analysis Filters	Source Consistency Filter (SCF), muscle artifact, baseline wander, 40 Hz low pass, line frequency
Reports	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
Outputs	TTL pulse and analog signals for QRS detection synchronization using any ECG lead
External Device Interfaces	Treadmills: Trackmaster TMX428 Ergometers: Compatible with Ergoline and Lode communication protocols Blood Pressure Monitors: SunTech® Tango®+ and Tango M2
Printers	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)
Network Interface	Microsoft-compatible networking for storage, distribution and email; 100 Mbps connection or better is required
Paper	Smart (210 x 280 mm), perforated Z-fold thermal cued paper with full grid; 250 sheets stored in paper tray
Export/Communication Protocol/Format	TCP/IP, PDF, XML, HL7, DICOM
Remote Technical Service Interface	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).
Display	24 in touchscreen display
System Dimensions and Weight	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)
Warranty	13 months parts and labor
Options	Networking, Resting ECG Analysis, ST-segment Re-Analysis, TTL Trigger, WAM

ORDERING INFORMATION

QS6-STTD1	Pro Level Q-Stress® System with Enhanced Security, Touch Monitor, DICOM Connectivity, Treadmill
QS6-STTDX	Pro Level Q-Stress System with Enhanced Security, Touch Monitor, DICOM Connectivity
9922-019-50	SunTech Tango® M2 BP Monitor Kit for Q-Stress
9922-017-52	SunTech Tango+ and Tango M2 SpO ₂ option
41000-036-51	Wireless Acquisition Module Kit with AHA Short Lead Set (WAM + AHA Lead Set + UTK + USB Cable + Belt Pouch + WAM Holder for Cart)
9100-026-60	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 today.



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