Simplifying the process

Philips StressVue exercise stress testing system
Stress testing
that’s flexible and
intuitive every step of
the way

By combining decades of ECG expertise with the convenience of a Windows-based platform, Philips StressVue simplifies stress testing and reporting. Configurable user profiles deliver the flexibility to expedite testing and quickly create a wide variety of commonly used reports. In addition, StressVue features the same easy-to-use graphical user interface that you’ll find on Philips’ latest generation of cardiographs and ECG Management systems. The consistent interface assures confident operation with minimal training while offering the point-and-click efficiencies of an intuitive pull-down menu structure. The result is a highly efficient system that builds in clinical excellence at every step of your stress testing operation.

Accurate Analysis and Rapid Assessment
The stress test results are clearly presented on the display, supporting quick, convenient decision making. The ability to superimpose old beats on top of new ones facilitates accurate analysis and rapid assessment. In addition, the generous size of the ST display supports more comprehensive assessment.

Advanced Signal Processing
Advanced signal processing looks at consistency among the leads and performs waveform analysis, taking the guesswork out of producing clean ECG recordings.

Flexible Configuration
Flexible configuration helps you tailor the system to your needs. StressVue kits can include a direct or wireless patient connection, to a completely integrated system which can feature a 17” vivid flat panel monitor on an articulated arm, a Pentium 4 PC, and/or a thermal printer integrated into an ergonomic cart. StressVue can also interface to a TrackMaster treadmill, the Ergoline or Lode Ergometers, the SunTech Tango motion tolerant blood pressure monitor or an optional laserjet printer to further expand your stress testing options.

Standards-based Protocols
StressVue supports the following standard protocols: Bruce, Modified Bruce, Naughton, Baker, Detar, Fluoroscan and Reyes as well as protocols that are user-defined by physicians.

ST Segment Analysis
For more comprehensive assessment, StressVue includes a large display of maximal ST change with adjustable measurement points and J point. The system also provides post-analysis of complete exams.

ST Level Display
StressVue’s 12-lead diagnostic display lets you view and measure ST level changes on the screen in real-time, expediting precise assessment.

StressVue Exercise Display
The information you need to interpret the stress test results is clearly presented on the StressVue exercise display, supporting quick, convenient decision-making.

Report Manager
StressVue includes full, electronic patient exams in analysis and reporting as well as full report archiving, enabling you to manage test data as efficiently as it is gathered.
Standards-based Protocols
StressVue supports the following standard protocols: Bruce, Modified Bruce, Naughton, Balke, Ellestad, Pharmacological and Bicycle, as well as protocols that are customized by physicians.

ST Segment Analysis
For more comprehensive assessment, StressVue includes a large display of maximal ST change with adjustable measurement points and J point. The system also provides post-analysis of complete exam.

Flexible Configuration
StressVue’s wide range of options help you tailor the system to your needs. StressVue kits can include a direct or wireless patient connection, to a completely integrated system which can feature a 17” vivid flat panel monitor on an articulated arm, a Pentium 4 PC, and/or a thermal printer integrated into an ergonomic cart. StressVue can also interface to a TrackMaster treadmill, the Ergoline or Lode Ergometer, the SunTech Tango motion tolerant blood pressure monitor or an optional laserjet printer to further expand your stress testing options.
### 12-Lead Diagnostic Display
StressVue’s 12-lead diagnostic display lets you view and measure ST level changes on the screen in real-time, expediting precise assessment.

### StressVue Exercise Display
The information you need to interpret the stress test results is clearly presented on the StressVue exercise display, supporting quick, convenient decision-making.

### Report Manager
StressVue includes full-disclosure, post exam re-analysis and replay as well as pdf report archiving, enabling you to manage test data as efficiently as it was gathered.

### StressVue Accessories

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
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<tr>
<td><strong>StressVue Direct Connect</strong></td>
<td>Direct connect testing requires a direct connect patient module and a USB interface. The USB interface provides analog and TTL output.</td>
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<tr>
<td><strong>StressVue Wireless</strong></td>
<td>Wireless testing requires a 608 MHz or 2500 MHz wireless patient module and USB interface. USB interface provides analog and TTL output.</td>
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<tr>
<td><strong>TrackMaster TMX425 Treadmill</strong></td>
<td>The StressVue system can be combined with the Trackmaster TMX425 Treadmill to offer a complete stress exercise system for your facility.</td>
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<td><strong>Ergoline and Lode Ergometers</strong></td>
<td>If you prefer, the StressVue system also works with Ergoline and Lode Ergometers when limited space is a requirement.</td>
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<tr>
<td><strong>SunTech Tango Motion-Tolerant BP Monitor</strong></td>
<td>For those facilities that require automatic blood pressure monitoring, StressVue works with the SunTech Tango blood pressure monitor.</td>
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<tr>
<td><strong>StressVue thermal printer</strong></td>
<td>The computer-controlled StressVue thermal printer uses an eight-dot per millimeter print head to print out ECG tracings and report data. Multiple print formats are supported.</td>
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Product Specifications

**StressVue Software Specifications**
- Simultaneous ECG input from 12 leads
- Zoomed ECG
- Averages
- Running Trends
- METS
- Total Exercise Time
- Treadmill Control
- HR and Target %
- ST Level
- NIBP Value

**Protocols**
- Supports standard protocols: Bruce, Modified Bruce, Naughton, Balke, Ellestad, Pharmacological and Bicycle
- Supports physician customized protocols

**Reports Type**
- Summary
- Trends
- Average QRS
- Rhythm Events
- Up to 100 Full Disclosure patient studies stored in internal memory

**Data output**
- Reports generated in standard PDF format

**Isolation Transformer Power**
- Input: 115 Volts @ 50/60 Hz
- Output: 115 Volts
- Input: 230 Volts @ 50/60 Hz
- Output: 230 Volts

**Hardware Specifications**
- Direct Connect Patient Module
- Wireless Patient Module (608 MHz or 2500 MHz)
- Analog/USB/TTL Interface Connector

**Options Specifications**

**Cart Specifications**
- Height: 39” (990.6 mm)
- Width: 24” (609.6 mm)
- Depth: 28” (711.2 mm)
- Articulated monitor arm with VESA mount
- Two storage baskets
- Thermal paper tray (Fixed and swivel type casters. Swivel casters can lock.)

**Printers**
- StressVue Thermal printer: 200 DPI (recommended)
- LaserJet Printers (printing with “grid” selected will result in slower print time)

**Interfaces**
- TrackMaster TMX425 treadmill
- Ergoline and Lode ergometers
- Analog and TTL output for stress echo/Suntech Tango blood pressure monitor

**Workstation (validated by Philips)**
- Desktop PC HP DC7600 Mini Tower
- Processor: Pentium 4
- RAM: 1 G DDR II RAM
- Hard Drive: 40 GB IDE HDD-7200 RPM Serial ATA
- CD-RW/DVD combo drive
- LAN connection for Thermal Printer
- USB: 2 required
- Keyboard: Standard PC
- Mouse: 2 button w/finger roller
- Serial Ports: 2 required
- Floppy Disk Drive
- Optional LAN card for networking capabilities

**Monitor**
- 17 inch flat panel display
- SXGA resolution of 1280 x 1024
- Standard VESA mounting pattern
Philips Medical Systems is part of Royal Philips Electronics

Interested?
Would you like to know more about our imaginative products? Please do not hesitate to contact us. We would be glad to hear from you.

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