

The BURDICK® Vision™ Holter Analysis System

Our accurate and easy-to-use system for routine Holter analysis

Primary Users

Physician practices and cardiologists

Primary Benefits

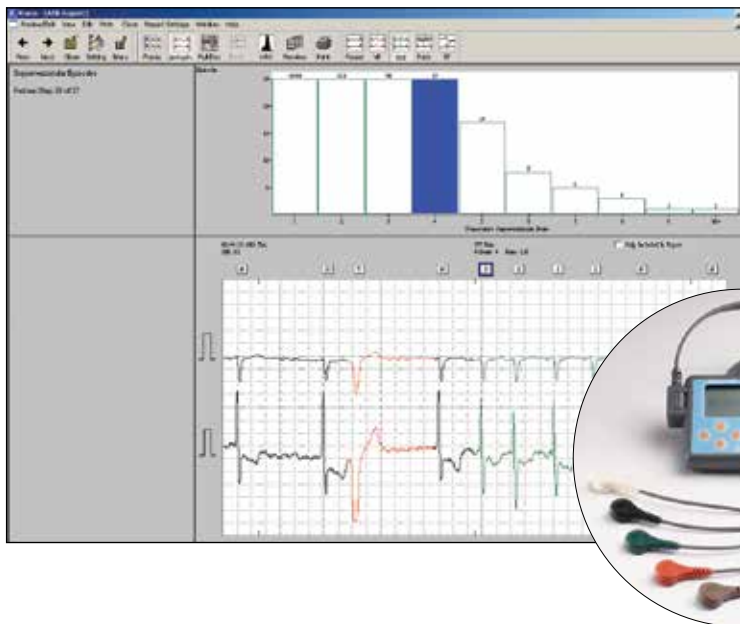
Ease of use. QuickStep wizard provides a practical guide at every step of the analysis.

Accuracy. Studies using American Heart Association (AHA) and Massachusetts Institute of Technology (MIT) standardized databases prove Vision software is 99.95% accurate.

Confidence. With nearly 60 years developing cardiac diagnostic tools, Cardiac Science has the experience required for dependable results.

Connectivity. Opt for industry-standard HL7 software option to enable communication between Vision and various information systems including our HeartCentrix® data management solutions.

Customizable. You can expand Vision as needed – add optional heart rate variability, pacemaker analysis, HL7 communication, or remote mode software.



Burdick 4250
Digital Holter
Recorder

For practices performing routine Holter monitoring, the Burdick Vision Holter System from Cardiac Science provides a practical, no-nonsense diagnostic tool ideal for today's tightly managed health care environment. This highly accurate, easy-to-use system is available in a variety of configurations at a price even small practices can afford.

Get results quickly and easily

Reports that provide the information you need to make a clinical diagnosis are available in just minutes.

- + Color-coded abnormalities help even novice users identify potential problems.
- + Easy-to-follow format with simple icons and menu-driven operation speeds usage.
- + Minimal startup time and staff training means the system will be up and running quickly.

A powerful tool that's affordable, too

Vision software combines full functionality at an affordable price.

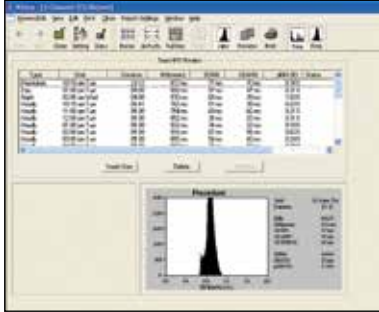
- + A variety of software configuration options lets you choose a system that fits your needs and budget.
- + Simple operation reduces time and money needed for technician training, while increasing staff efficiency.
- + Powerful and flexible Windows-based program leaves small computing footprint.

Proven accuracy for dependable results

Cardiac Science products have a long-standing reputation for accurate, efficient, and dependable performance.

- + System algorithms automatically identify abnormalities and compile them into easy-to-read reports.
- + On-screen ECG verification during patient hook-up ensures signal quality before the patient leaves, saving time and improving patient convenience.
- + Independent studies using AHA and MIT standardized databases show Vision software is 99.95% accurate in Positive Predictive Value for classifying normal beats and 99.61% accurate in Positive Predictive Value for classifying abnormal beats.

Choose among these system options to expand functionality



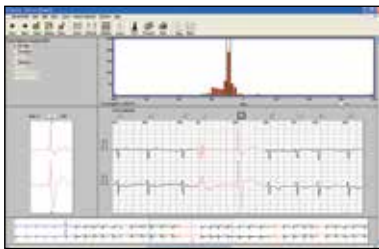
The system also features a variety of software tools that provide even more capabilities to meet your needs, including:

Heart rate variability software

HRV analyzes regulation of the sinoatrial node, the natural pacemaker of the heart. It measures the balance between sympathetic and vagus nerve activity, providing an indirect measure of heart health. Burdick Vision Holter performs data trending in both time and frequency domains allowing the flexibility required to care for a variety of patients.

Pacemaker analysis software

Use the pacemaker analysis option to detect atrial, ventricular, and AV sequential pacemakers, and track patient pacer activities through sense, capture, fire, and miscapture scenarios.



HL7 communications software

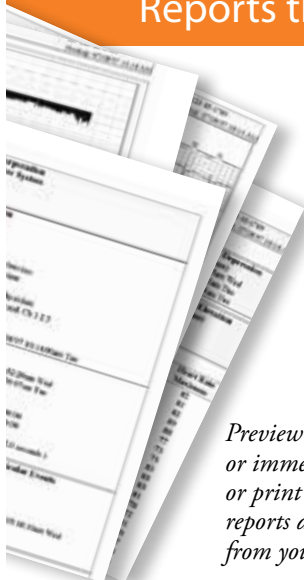
This option enables communication between the Vision system and medical information systems, including the suite of HeartCentrix data management solutions from Cardiac Science. Using a standard communication protocol, this program transfers Holter records for access and storage in a networked environment.

Remote mode

Use of this option provides the ability to download data from a remote location and transmit to a central reviewing facility. This remote application allows for rapid turn around of patient data and medical treatment when necessary. This tool is ideal for situations where Holter tests are performed at one location and interpreted at another.



Reports the way you want them



Preview on-screen, or immediately fax or print detailed reports directly from your PC.

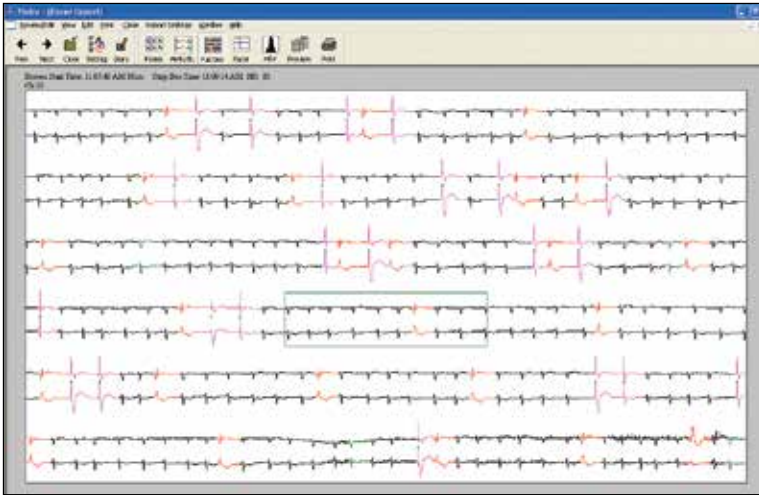
In minutes you'll have full printed reports in your hands – in the format you choose.

You can preview them on-screen first. It's fast, easy and convenient.

Reporting options include:

- + HR/ST/HRV trend graphs.
- + Full-sized diagnostic ECG strips and time-saving "mini" format strips.
- + Functionality to fax or e-mail final reports (requires Holter Report Viewer).
- + Full-disclosure reports that print all or any part of a patient's recording in various formats, such as one, two, or three channels at 10, 30 or 60 seconds per line.
- + Comprehensive ST report with each ST episode including deviation, slope, duration, and heart rate at onset/offset.

Arms you with rich details for your analysis

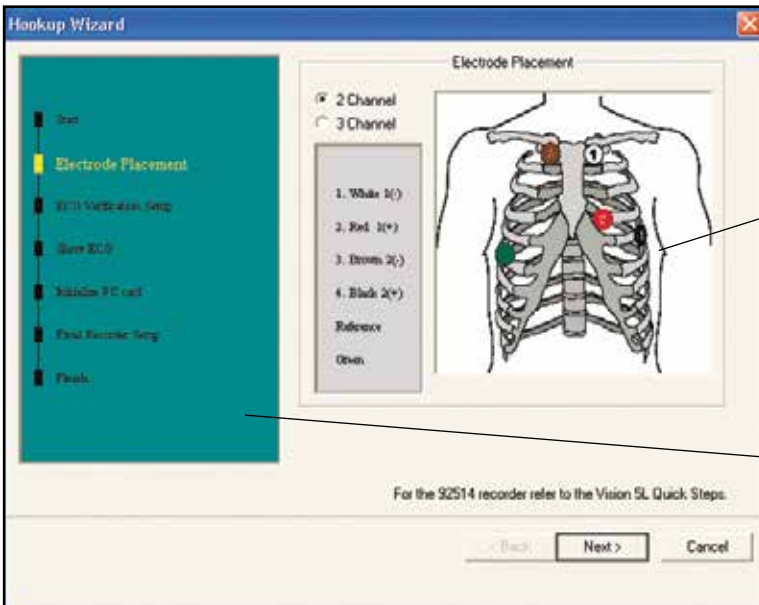


Intelligent use of color helps users identify different ECG morphologies.

Vision Holter analysis software includes a variety of tools, enabling providers the flexibility they need for diagnosing patients:

- + On-screen displays that allow for review or editing either globally or by individual episodes.
- + Selection of ECG morphologies that includes normal, ventricular, paced, and artifact.
- + Arrhythmias presented in a 7-second diagnostic strip – complete with classification, time of occurrence, heart rate, and beat annotations.
- + On-screen full-disclosure review with color-coded normal and ventricular beats.
- + Patient diary times that can be entered for result and symptom coordination.
- + Customizable physician comments that can be added before printing.

The QuickStep Wizard guides you with easy-to-follow menus



The QuickStep Wizard guides you through each phase of Holter testing with easy-to-follow menus. It provides three tiers of information, as illustrated by our Patient Hookup Wizard.

Detailed directions in text and graphics for each step.

An overview of all the steps included in this phase of testing.

The unique QuickStep Wizard is available to guide you through each step of all the critical phases.

The BURDICK® Vision™ Holter Analysis System

TECHNICAL SPECIFICATIONS	
COMPUTER REQUIREMENTS	
OPERATING SYSTEM	Windows XP Professional SP3 and Windows 7 Professional SP1
PROCESSOR	Intel 2.0 GHz or better
MEMORY	<ul style="list-style-type: none"> • 512 MB RAM or greater for Windows XP Professional (32-bit) • 1 GB RAM or greater for Windows 7 (32-bit) • 2 GB RAM or greater for Windows 7 (64-bit)
HARD DRIVE	80 GB or greater
FREE HARD DRIVE SPACE	<ul style="list-style-type: none"> • 12 MB for the Vision Series application • 8 MB for electronic manuals (optional) • 250 MB for instructional AVIs (optional)
ARCHIVE DEVICE	CDR or CDRW Drive
DISPLAY	17 in (432 mm) to 32 in (813 mm) SVGA monitor and display adapter supporting the following aspect ratios: 4:3 (1024 x 768 resolution); 5:4 (1280 x 1024) resolution; 16:10 (1280 x 800) resolution; and 16:9 (1280 x 720) resolution and large fonts
KEYBOARD AND MOUSE	101-key enhanced and 104-key Windows keyboard
PRINTER	HP PCL-5 compatible printer (laser or inkjet), USB 2.0 recommended, print resolution of 600 dpi or better
USB PORT (2.0 RECOMMENDED)	One available USB port (for USB download and SD card reader)
OPTIONAL	
FAX/MODEM	at 56K baud
ETHERNET CARD	10/100 Mbps minimum
THIRD-PARTY SOFTWARE REQUIRED	
ROXIO DIRECT CD	ROXIO Direct CD version 5.0C up to 9.0 is required in order to back up and restore the Vision Series Software patient reports to a CDR or CDRW media for Windows XP Professional operating systems. (Not required for systems running Windows 7.)
ADOBE ACROBAT READER V6.0 OR LATER	Allows viewing of manuals online

NOTES

- + System performance on customer-supplied computers is the responsibility of the customer.
- + System security, access, and privacy of patient data is the responsibility of the customer.
- + If the computer is to be connected to a customer network, the customer must assign the IP-network address.
- + Anti-virus scanning software should be installed and is the responsibility of the customer.
- + Customer is responsible to provide hardware that meets the required country-of-origin regulatory standards.
- + Customer is responsible for applying security updates and patches to the system in accordance with their internal policies.

ORDERING INFORMATION

SYSTEM OPTIONS		
V53-	X	X
	1	English language option
	6	International language option
	D	Single 92516-01 Burdick 4250 digital recorder
	E	2-pack 92516-01 Burdick 4250 digital recorder
	F	5-pack 92516-01 Burdick 4250 digital recorder
	G	USB download cable for Burdick 4250
	I	Pacemaker analysis software option
	J	Heart rate variability software option
	V	HL-7 Communication software

EXAMPLE CONFIGURATION		
V53-	1	DG Vision Software, English language, one digital recorder and USB download cable for Burdick 4250

Not all configuration options are available. Please check with your Cardiac Science representative to learn about available configurations.

ACCESSORIES AND UPGRADES	
92516-01	Burdick 4250 Digital Holter Recorder
XCL4250X5L	5-lead patient cable for Burdick 4250
XCL4250X7L	7-lead patient cable for Burdick 4250
XCL4250USB	USB download cable for Burdick 4250
XCA4250X01	Plastic holster for Burdick 4250
XCA4250D20	Disposable pouches for Burdick 4250 - set of 20
XCA4250D50	Disposable pouches for Burdick 4250 - set of 50
XDA4250X01	SD memory card formatted for Burdick 4250
XKTHOLT5LA	Patient prep kit for Burdick 4250s using 5-lead patient cable
XKTHOLT7LA	Patient prep kit for Burdick 4250s using 7-lead patient cable
063-1690-00	Remote retrieval mode software option

Cardiac Science Corporation • N7 W22025 Johnson Dr., Waukesha, WI 53186 USA • 262.953.3500 • US toll-free 800.426.0337 • Fax: 262.953.3499 • care@cardiacscience.com
Orders and Customer Care (US and International) • 262.953.3500 • US toll-free 800.426.0337 • Fax: 262.953.3499 • care@cardiacscience.com
Technical Support • (US) Fax: 262.953.3499 • technicalsupport@cardiacscience.com • http://websupport.cardiacscience.com/webchat/ • (International) internationalservice@cardiacscience.com
Cardiac Science International A/S • Kirke Vaerloesevej 14, DK-3500 Vaerloese, Denmark • +45.4438.0500 • Fax: +45.4438.0501 • international@cardiacscience.com
United Kingdom • The Manse, 39 Northenden Road, Sale, Manchester, M33 2DH, United Kingdom • +44.161.926.0000 • uk@cardiacscience.com
France • Parc de la Duranne, 565, Rue René Descartes, F-13857 Aix-en-Provence Cedex 3, France • +33.4.88.19.92.92 • france@cardiacscience.com
Central Europe (D, A, CH) • Oskar-Schindler-Strasse 3, D-50769 Köln, Germany • +49.221.33734.300 • centraleurope@cardiacscience.com
China • 6/F South Building, 829, Yi Shan Road, Shanghai 200233, China • +86.21.6495.9121 • china@cardiacscience.com