

Vision Holter Analysis Systems

Accurate and easy to use systems for routine Holter analysis

Holter
Monitoring

For practices performing routine Holter monitoring, the Burdick Vision™ Holter System with QuickStep Wizard provides a practical, no-nonsense diagnostic tool ideal for today's tightly managed health care environment. This highly accurate and 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 with 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 PC-based Microsoft® Windows® format promotes familiarity and convenience while menu-driven operation with easy-to follow icons speeds usage
- Minimal startup time and staff training means the system will be up and running when it comes out of the box

A Powerful Tool that's Affordable Too

Vision software combines full functionality at an affordable price.

- A variety of configurations, including those with and without computers and printers, allow purchase of a system that fits your needs and budget
- Simple operations reduces time and money spent training technicians and increases staff efficiency
- Powerful and flexible Windows program leaves plenty of room on your computer for other programs

Proven Accuracy for Dependable Results

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

- Comprehensive data collection and reporting for up to 48 hours of three channel ECG recordings
- Studies conducted by Massachusetts Institute for Technology and American Heart Association found that the Vision system consistently delivers results with 99.5% accuracy
- ECG Verification during patient hook-up ensures signal quality on-screen before the patient leaves, saving time and improving patient convenience
- System algorithms, based on a culmination of over 20 years of research, automatically identify abnormalities and compile them into easy-to-read reports



Vision identifies normal, ventricular, super ventricular, paced and junctional beats.

Features

- Windows-based software is easy to learn and easy to use
- MIT and AHA studies prove Vision software is 99.5 percent accurate
- QuickStep wizard provides a practical guide at every step of the analysis
- With over fifty years developing cardiac diagnostic tools, Burdick has the experience required for dependable results

BURDICK®

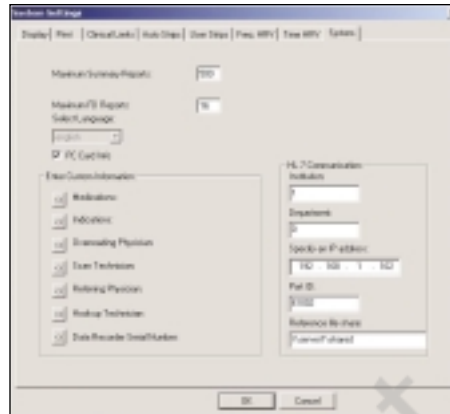
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System Options Expand Functionality

A variety of optional software tools provide additional capabilities to meet specific needs.

Heart Rate Variability Software analyzes regulation of the sinoatrial node, the natural pacemaker of the heart. It measures the degree of balance in sympathetic and vagus nerve activity, providing an indirect measure of heart health. Burdick Holter Monitors collect data for research and data trending in both time and frequency domains allowing the flexibility required to care for a variety of patients.

Pacemaker Analysis Software detects Atrial or Ventricular Pacer Spikes from an internal pacemaker, tracking patient pacer activities through sense, capture, fire and miscapture scenarios.

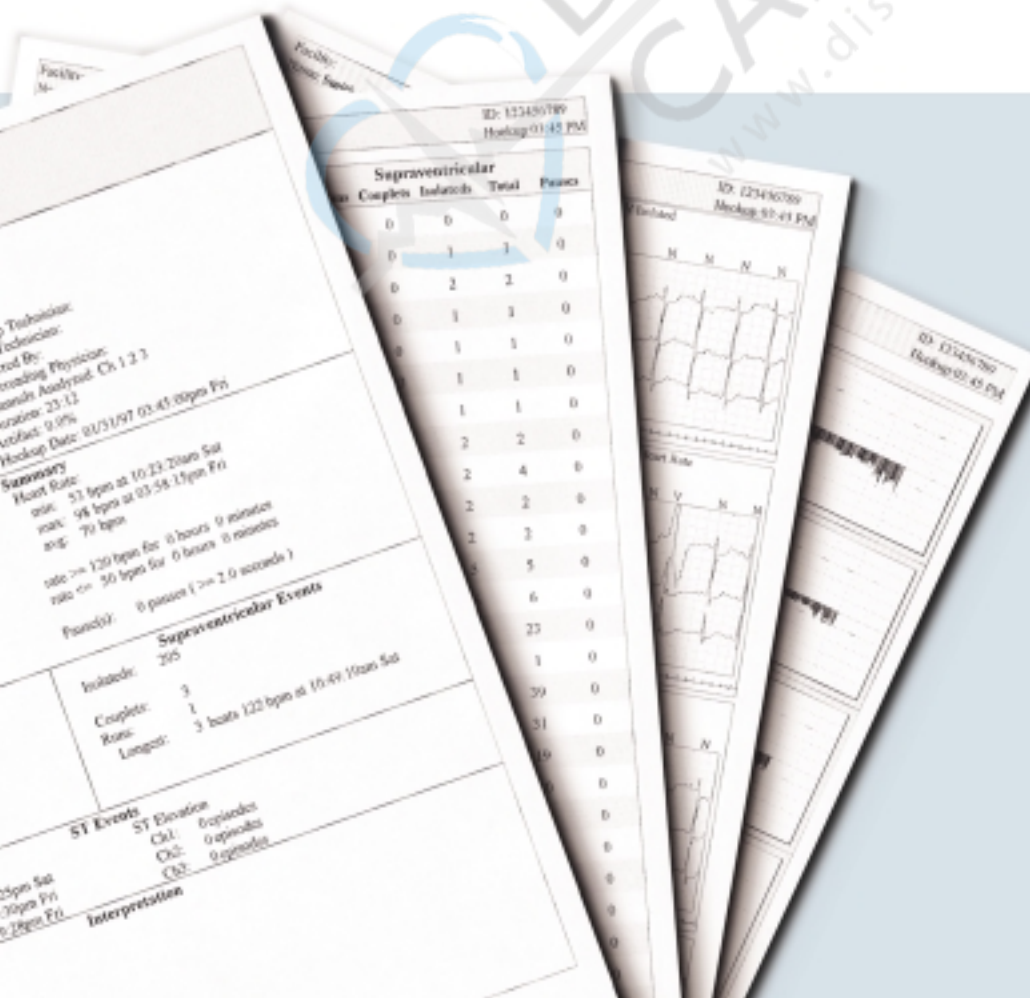


Vision software can communicate with Hospital Information Systems using the HL7 option

Research Mode Software allows for detection and sampling of the patients' ECGs at rates up to 1,000 samples per second. This allows accurate observation and detection of a number of various cardiac arrhythmias. Research mode is generally used by universities and other research-oriented facilities.

HL7 (Health Level 7) Communications Software enables communication between the Vision system and information systems, including the Quinton Pyramis Cardiology data management system. Using a standard communication protocol, this program transfers Holter records for access and storage in a networked environment.

Remote Mode 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

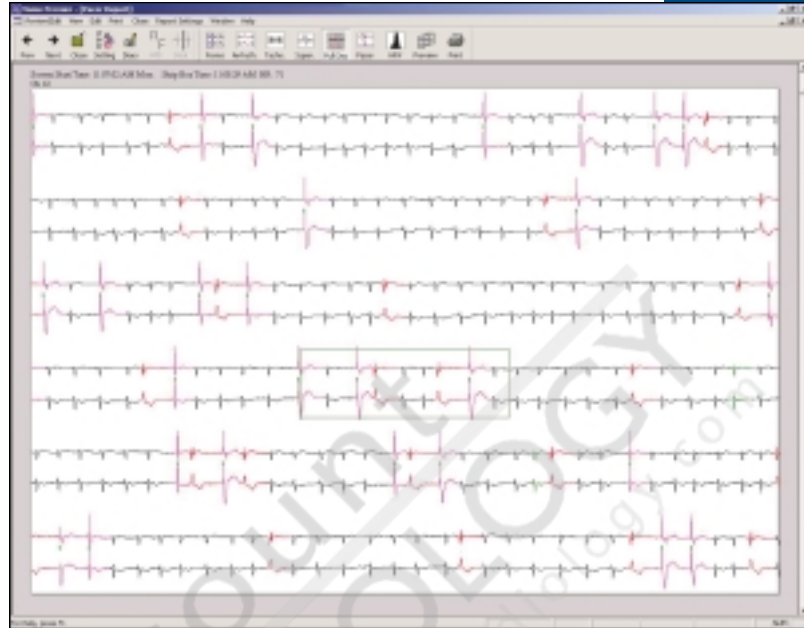
In minutes you'll have full printed reports in your hands – in the format you choose. And, you can preview them on-screen first. It's fast, easy and convenient. Reporting options include:

- HR/ST Trend Graphs
- Full-sized diagnostic ECG strips of paper and time-saving "mini" format
- Fax or e-mail final reports
- Full disclosure reports printed for 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

Extra Detail Makes Analysis More Flexible

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

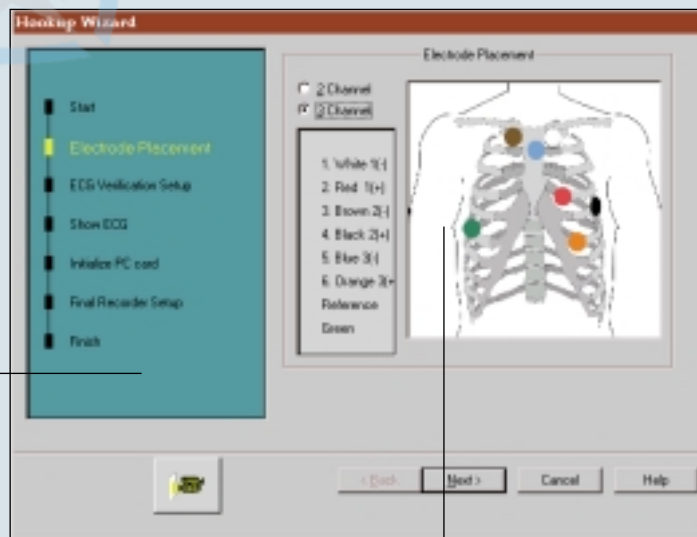
- On-screen displays allow for review or editing either globally or by individual episodes
- Selection of ECG morphologies includes normal, ventricular, paced and artifact
- Arrhythmias presented in a 7-second diagnostic strip – complete with classification, time of occurrence, heart rate and beat annotations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



Intelligent use of color helps users identify different ECG morphologies

QuickStep Wizard

The QuickStep Wizard (QSW) guides you through each phase of Holter testing with easy-to-follow menus. The QSW 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 QSW is available for all the critical phases of Holter testing. No other system offers this level of simplicity.

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COMPUTER REQUIREMENTS

- Intel 1.0 GHz Pentium® III processor or greater
- 128 MB RAM or greater
- 12 GB hard drive or greater
- Free Hard Drive Space Required for Program Installation:
 - 12 MB for the Vision Series application
 - 250 MB for instructional AVIs (optional)
 - 8 MB for electronic manuals (optional)
- 4 x 4 x 24 CDRW drive or greater
 - Direct CD version 2.5a is required for allowing the user to back up and restore the Vision Series Software Patient Reports to a CDR or CDRW media for Windows 95 and 98 Second Edition Operating Systems
 - ROXIO™ Direct CD version 5.0C is required for allowing the user to back up and restore the Vision Series Software Patient Reports to a CDR or CDRW media for Windows 2000 Professional XP Professional Operating Systems
- 3.5" 1.44Mbyte floppy disk drive
- 17" SVGA monitor and display adapter supporting 1024 x 768 resolution and large fonts
- 101-key enhanced keyboard
- Parallel Printer port that supports ECP
- Hewlett Packard HP PCL-3 compatible printer using the parallel port of the local computer with a minimum of 2 MB for print resolution of 300 dpi or 8 MB memory for print resolution of 600 dpi
- Mouse
- Windows 98 Second Edition, Windows 2000 or Windows XP operating system
- Fax/modem at 56K baud (optional)

For Burdick Digital Recorders

- PCMCIA interface (ISA, PCI or USB)
- One available 5.25" or 3.5" bay (for ISA & PCI options only)
- One available USB port (for USB option only)
- One available ISA – Card slot (for ISA option only)
- One available PCI – Card slot (for PCI option only)
- One available interrupt request (for ISA option only)

For Burdick Tape Recorders

(Windows 95 & 98 Second Edition only)

- Tape reader interface (ISA)
- One available 5-1/4 bay
- One available ISA – card slot
- Input/output range 300 – 340 available

For the ECG hookup Verification Capability

- Labtec AM-240 FlexiMount PC microphone
- Creative Labs PCI 16 audio interface (required only for those PC Systems that do not have a integrated audio interface). The Creative Labs PCI 16 audio interface requires one available PCI-Card slot
- For the instructional AVI movies capability, you will also need the following
- Audio speakers
- Audio interface (required only for those PC Systems that do not have an integrated audio interface)

Third Party Software Required

ROXIO (Adaptec) Direct CD

- Direct CD version 2.5a is required for allowing the user to back up and restore the Vision Series Software Patient Reports to a CDR or CDRW media for Windows 95 and 98 Second Edition Operating Systems
- ROXIO Direct CD version 5.0C is required for allowing the user to back up and restore the Vision Series Software Patient Reports to a CDR or CDRW media for Windows 2000 Professional AND XP Professional Operating Systems

Print Now version 1.0

- Allows the user to print the screen display on the monitor Windows 95 and Windows 98 Second Edition Operating Systems

Adobe® Acrobat® Reader 3.0

- Allows printing of the screen display on the monitor Windows 95, Windows 98 Second Edition, Windows 2000 & Windows XP Operating System
- Allows viewing of manuals online

PC Anywhere

- Used for communication to a remote Vision Series system or for remote product support.
 - Version 8.0 is used with Windows 95 or 98 Second edition operating systems
 - Version 9.0 is used with Windows 2000 operating system
 - Version 10.0 is used with Windows XP operating system

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

ORDERING INFORMATION

92503-	Vision Holter Software Only
1	English language option
2	German language option
3	French language option
4	Italian language option
5	Spanish language option
G	USB compact flash reader for model 92512 and 92513 digital recorders option
I	Pacemaker analysis software option
J	Heart rate variability software option
V	Communication Software for data transfer to Pyramis
W	Research mode software option

Example configuration:

92503-1G Vision Software, English Language with USB compact flash reader for model 92512 and 92513 digital recorders

063-1690-00 Remote mode software option

Complete systems with computers, printers and monitors are also available; contact your local Burdick representative for ordering information.

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