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, supraventricular, paced and junctional beats.
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
pacemaker activities through sense, capture,
fire and miscapture scenarios.

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
center. This remote application allows for
rapid turnaround 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

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
pacemaker activities through sense, capture,
fire and miscapture scenarios.

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
center. This remote application allows for
rapid turnaround 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

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.
**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 CD/DVD 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" 1.44MB 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
- 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 FlexMount PC microphone
- Creative Labs PCI 16 audio interface (required only for those PC Systems that do not have an 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 XP Professional Operating Systems

**Print Now version 1.0**

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

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

**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.