The Vision™ 5L Digital Holter Recorder provides high-quality 5- or 7-lead, 3-channel Holter recordings with a signal preview screen. Fast data transfer using a compact flash card frees the recorder for immediate assignment to the next patient.

Removable Compact Flash
The Vision 5L Recorder stores up to 48 hours of digital ECG information on a removable flash memory card. This facilitates quick data transfer from patient to patient. It also eliminates inaccuracies associated with cassette tape recordings.

Visual Verification of ECG Tracing
An easy-to-read integrated LCD display enables visual verification of ECG tracing.
• Eliminates the need for test jacks. Saves money and the hassle of tying up an extra phone line.
• Reduces the number of re-tests. You’ll get results the first time.
• Provides rhythm confirmation.

Easy to Use, Easy to Wear
In addition to serving as the rhythm preview screen, the LCD display also serves as the recorder user interface.
• Easy-to-use five-button keypad to enter test parameters and patient demographics.
• Integrated pacemaker detection enables use on virtually any patient.
• Compact size makes it easy for patient to wear on a belt or lanyard.

Features
• ECG Display – LCD displays real time ECG hook-up eliminating the need for test jacks and repeat tests
• Easy-to-use five-button keypad to enter patient and test parameters
• Removable compact flash card
• Fast data transfer to Vision or Vision Premier software for quick turnaround
• Pacemaker detection
### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Category</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channels</td>
<td>3 channels</td>
</tr>
<tr>
<td>Resolution</td>
<td>8 – 10 bit sampling, 4X Oversampling</td>
</tr>
<tr>
<td>Recording</td>
<td>Full Disclosure Programmable</td>
</tr>
<tr>
<td>Download interface</td>
<td>Removable compact flash (Non-volatile)</td>
</tr>
<tr>
<td>Sample rate</td>
<td>200 samples per second</td>
</tr>
<tr>
<td>Frequency response</td>
<td>0.05Hz to 60Hz @ -3dB</td>
</tr>
<tr>
<td>Signal verification</td>
<td>LCD Display – ECG Display on LCD</td>
</tr>
<tr>
<td>Memory</td>
<td>Preprogrammed, Burdick non-volatile flash memory</td>
</tr>
<tr>
<td>Recording time</td>
<td>User selectable 24 or 48 Hours</td>
</tr>
<tr>
<td>Physical</td>
<td>3.75&quot; x 3.00&quot; x 0.90&quot; (95mm x 76mm x 23mm)</td>
</tr>
<tr>
<td>Weight with batteries</td>
<td>4 oz. (112 to 114 grams)</td>
</tr>
<tr>
<td>Enclosure</td>
<td>Molded plastic / water resistant</td>
</tr>
<tr>
<td>Operating position</td>
<td>Any orientation, horizontal aspect</td>
</tr>
<tr>
<td>Electrical</td>
<td>1X</td>
</tr>
<tr>
<td>Connector</td>
<td>20 Pin low profile</td>
</tr>
<tr>
<td>Patient cable</td>
<td>7 Pin yoke or 5 Pin yoke, integrated cable, snap-on</td>
</tr>
<tr>
<td>Environmental</td>
<td>0°C (32°F) to 45°C (113°F)</td>
</tr>
<tr>
<td>Non-operating temperature</td>
<td>-20°C (-4°F) to 65°C (149°F)</td>
</tr>
<tr>
<td>Operating humidity</td>
<td>10% to 95% (non-condensing)</td>
</tr>
<tr>
<td>Non-operating humidity</td>
<td>5% to 95% (non-condensing)</td>
</tr>
<tr>
<td>Battery</td>
<td>(1) AA Alkaline IEC-LR6</td>
</tr>
<tr>
<td>Life</td>
<td>48 Hours</td>
</tr>
<tr>
<td>Warranty</td>
<td>1 year unit, 90 days flash card memory</td>
</tr>
</tbody>
</table>

---

### Powerful Front End for Vision Software

We offer two levels of Vision software: Vision, for practices performing routine Holter monitoring, and Vision Premier, for practices that need an advanced Holter monitoring solution.

- Windows®-based software is easy to learn and easy to use.
- Studies conducted by Massachusetts Institute for Technology and American Heart Association found that the Vision system consistently delivers results with 99.95% accuracy.
- System algorithms, based on a culmination of over 20 years of research, automatically identify abnormalities and compile them into easy-to-read reports.
- QuickStep wizard provides a practical guide at every step of the analysis.
- Color-coded abnormalities help even novice users identify potential problems.
- 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.

For more detailed information see form numbers 4020 and 2481.

### Warranty and Service Offerings Protect Your Investment

Warranty and service offerings help protect your investment from unforeseen service costs, providing one less thing to worry about. The Vision 5L Digital Holter comes with a one-year warranty when the warranty card is returned. During this period, we provide a toll-free number for technical support.

### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>92514-01</td>
<td>Vision 5L, English language with 128 MB flash card and 5-lead cable.</td>
</tr>
<tr>
<td>92514-06</td>
<td>Vision 5L, International (includes German, French, Spanish, Italian, Portuguese)</td>
</tr>
<tr>
<td>010-1640-00</td>
<td>Removable compact flash card for 92514 (128 MB)</td>
</tr>
<tr>
<td>010-1643-00</td>
<td>7-lead cable, 3-channel</td>
</tr>
<tr>
<td>010-1642-00</td>
<td>5-lead cable, 3-channel</td>
</tr>
</tbody>
</table>

---

Due to continued product innovations, specifications are subject to change without notice. Burdick and Vision are trademarks of Cardiac Science Corporation Other brands and products are trademarks of their respective companies. ISO 13485

©2006 Cardiac Science Corporation. All rights reserved.
Form No. 4014 Rev. D 0406 Printed in USA