

Vision 5L Digital Holter Recorder

High-quality ECG digital recording with visual signal verification

Holter
Monitoring

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.

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

The Vision 5L Digital Holter Recorder provides real time ECG displays. No more test jacks or repeat tests.



The Vision 5L Digital Holter Recorder shown actual size.

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.

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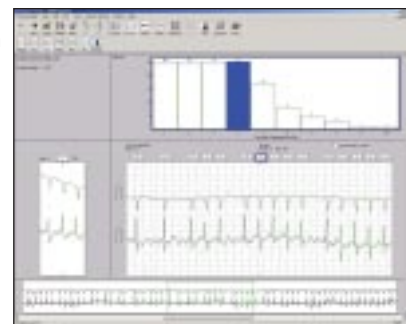
Vision 5L Digital Holter Recorder

TECHNICAL SPECIFICATIONS	
Channels	3 channels
Resolution	8 – 10 bit sampling, 4X Oversampling
Recording	Full Disclosure Programmable
Download interface	Removable compact flash (Non-volatile)
Sample rate	200 samples per second
Frequency response	0.05Hz to 60Hz @ -3dB
Signal verification	LCD Display – ECG Display on LCD
Memory	
Recording time	User selectable 24 or 48 Hours
Type	Preprogrammed, Burdick non-volatile flash memory
Capacity	128 MB (Removable)
Physical	
Dimensions	3.75" x 3.00" x 0.90" (95mm x 76mm x 23mm)
Weight with batteries	4 oz. (112 to 114 grams)
Enclosure	Molded plastic / water resistant
Operating position	Any orientation, horizontal aspect
Electrical	
Gain settings	1X
Connector	20 Pin low profile
Patient cable	7 Pin yoke or 5 Pin yoke, integrated cable, snap-on
Environmental	
Operating temperature	0°C (32°F) to 45°C (113°F)
Non-operating temperature	-20°C (-4°F) to 65°C (149°F)
Operating humidity	10% to 95% (non-condensing)
Non-operating humidity	5% to 95% (non-condensing)
Battery	
Type	(1) AA Alkaline IEC-LR6
Life	48 Hours
Other	
Warranty	1 year unit, 90 days flash card memory

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.



Arrhythmia review screen provides detailed analysis of the severity and frequency at a glance.

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

92514-01	Vision 5L, English language with 128 MB flash card and 5-lead cable.
92514-06	Vision 5L, International (includes German, French, Spanish, Italian, Portuguese)
010-1640-00	Removable compact flash card for 92514 (128 MB)
010-1643-00	7-lead cable, 3-channel
010-1642-00	5-lead cable, 3-channel

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