

BURDICK® 4250 Digital Holter Recorder

High-quality ECG digital recording with visual signal verification

Primary Users

Physician practices, hospitals,
cardiologists

Primary Benefits

Real-time ECG display. LCD displays real-time ECG hook-up, eliminating the need for test jacks and repeat tests.

Ease of use. Easy-to-use 5-button keypad to enter patient and test parameters.

Convenience. Multiple data transfer options (SD card or USB cable) allow you to quickly capture data and send the recorder out with a new patient.

Speed. Fast data transfer to Burdick® Vision™ or Burdick Vision Premier software for quick turnaround.

Versatility. Integrated pacemaker detection lets you use the recorder even on patients with pacemakers.



The Burdick 4250 Digital Holter Recorder provides high-quality 5- or 7-lead, 3-channel Holter recordings with a signal preview screen. This device provides fast data transfer using an SD card or USB cable that frees the recorder for immediate assignment to the next patient.

ECG tracing visual verification

An easy-to-read integrated LCD display enables quick verification of ECG tracing.

- + Visually confirm good ECG signals before sending the patient home.
- + Reduce the number of retests and eliminate the need for test jacks.

Ease of use for clinicians

- + The smaller, lighter 4250 recorder will encourage patient compliance during the entire length of the test.
- + Use the LCD display to preview ECG rhythm or to confirm test settings and patient information.
- + Enter additional test parameters and patient demographics via the simple 5-button keypad.
- + Integrated pacemaker detection enables use on virtually any patient.

Ease of use for patients

- + Half the size and weight of previous Holter recorders, the Burdick 4250 can be tucked into a pocket or hidden under clothing, providing a more comfortable monitoring solution.

BURDICK® 4250 Digital Holter Recorder

TECHNICAL SPECIFICATIONS	
	BURDICK 4250
CHANNELS	3
RESOLUTION	8-bit sampling
RECORDING	Full-disclosure programmable
DOWNLOAD INTERFACE	Removable SD card or USB cable (non-volatile)
SAMPLE RATE	200 samples per second
FREQUENCY RESPONSE	0.05 Hz to 60 Hz @ -3 dB
SIGNAL VERIFICATION	LCD display – ECG display on LCD
MEMORY	
Recording time	User-selectable 24 or 48 hours
Type	Pre-programmed, non-volatile flash memory
Capacity	512 MB (removable)
ELECTRICAL	
Gain settings	0.5x, 1x, and 2x
Connector	20 pin low profile
Patient cable	5- or 7-wire integrated cable, snap-on
POWER REQUIREMENTS	
Type	(1) AAA alkaline IEC-LR3
Battery duration	48 hours
ENVIRONMENTAL	
Operating temperature	32°F to 113°F (0°C to 45°C)
Operating relative humidity	10% to 95% (non-condensing)
Storage temperature	4 °F to 149°F (-20°C to 65°C)
Storage relative humidity	5% to 95% (non-condensing)
ENCLOSURE	Molded plastic/water resistant
OPERATING POSITION	Any orientation
DIMENSIONS (H x D x W)	2.4 in x 2.4 in x .67 in (60.95 mm x 60.95 mm x 17.02 mm)
WEIGHT	2 oz (56 g) with batteries
WARRANTY	1 year unit, 90 days flash card memory

ORDERING INFORMATION

RECORDERS AND ACCESSORIES	
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

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 Burdick 4250 Digital Holter Recorder comes with a one-year warranty when the warranty card is returned. During this period, we provide unit exchange and a toll-free number for technical support.

A powerful companion to the Burdick Vision Premier and Vision Holter systems

- + Powerful software is easy to learn and easy to use.
- + The system delivers 99.95% accuracy when tested against industry-standard Massachusetts Institute of Technology and American Heart Association databases.
- + The result of more than 25 years of research, the system algorithms automatically identify abnormalities and compile all beats into appropriate morphology categories.
- + The 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 can be printed for 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.

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 Værloesevej 14, DK-3500 Værloese, 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, 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