



Every beat counts

SEER 1000 Multi-Channel Digital Holter Recorder and Wireless Applications



Simple.

The SEER™ 1000 is a small, lightweight multi-channel Holter recorder. With only one button to press, it is simple for both the technician and patient to use.

Smart.

It features a custom app that is compatible with today's advanced wireless consumer technologies, including tablets, smart phones and Bluetooth®-enabled PCs. The app enables technicians to input data, view lead placements and check signal quality while avoiding the inconvenience of small scrolling buttons and tiny recorder displays.

Secure.

Your security needs are addressed as the data is fully protected using the highest level of Bluetooth® security. The communication is linked-level secure with encrypted key exchange. Additionally, only those with unique user IDs and passwords can access data.



General specifications

ECG channels	2 channel; 3 channel
Lead-wire cable options	3 lead-wire; 5 lead-wire; 7 lead-wire options
Recording time options	24 hours; 48 hours; 7 days [†]
Pacemaker detection	Standard (all channels)
LED's	Event button status indicator LED Hookup Guidance LED
Demographic data entry and hookup preview	PC Application via Bluetooth communication Mobile Application via Bluetooth communication
Download and data transfer	USB 2.0 Hi-Speed Cable
Memory	Non-removable digital memory

Technical specifications

Power requirements	1 LR03/AAA alkaline battery 1 HR03/AAA NiMH rechargeable battery
Weight	53g (1.87 oz)
Dimensions	71 mm x 64 mm x 20 mm (2.8 in x 2.5 in x 0.8 in)
Frequency response	0.05 Hz – 70 Hz
Sampling rate	256 sps with 12 bit resolution
Input voltage range ECG	± 6 mV
Common mode rejection	CMMR > 80 dB per channel
Input impedance	> 10 MΩ
Ingress Protection Rating	IP43

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[†] The MARS Holter Analysis System can support the collection of up to 72 hours of data using the 7 day recorder.

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JB02021XX

Compatibility

Mobile Application	iOS 13 and 14 iPod® touch (7th generation) iPhone® SE, 6, 7, 8, X, 11 iPad® Mini™ 4, 5 iPad Air 2, Air 3 iPad (5th, 6th, and 7th generation) iPad Pro (1st, 2nd, 3rd, and 4th generation)
PC Application	Windows® 8.1 and Windows 10 Windows 7 Home, Professional, Ultimate (64 bit)
MARS V8.0 SP3 and above	24 hours; 48 hours; 72 hours [†]
CardioDay® V2.4 and above	24 hours; 48 hours; 7 days

