



SEER 1000 Multi-Channel Digital Holter Recorder
and Wireless Applications





The human heart beats around 100,000 times a day. At GE Healthcare, we believe every single one counts.

Whether the patient is at home, away, walking, running, driving, golfing, sleeping. Any time. Any place.

Your job is to get accurate data. Every single beat.

Our Holter system, featuring GE Healthcare's SEER* 1000, helps you capture data with consistency, accuracy, simplicity and confidence.

That you can count on.

Don't miss a beat.

The smart connection.

The SEER 1000 features a custom app that is compatible with today's advanced wireless technologies, including tablets, smart phones and Bluetooth®-enabled PCs. A smarter way to begin the Holter study – from inputting data to the hookup process.



A reliable connection.

A happy patient.

A more confident you.

Connect with confidence.

It's about reassurance. Knowing the leads are placed correctly. Knowing you are capturing a quality signal. Total confidence, knowing the patient leaves properly connected as the Holter study begins.

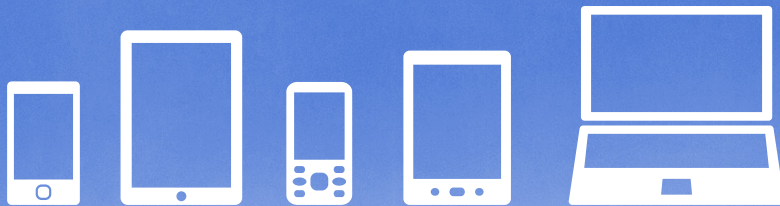
With the SEER 1000 the hookup is precise and dependable. The custom app gives you visual guidance for lead placement and a clear view of signal quality. All of this can reduce the chance for poor data collection. And that may lead to fewer repeat studies.



Work smarter.

It's about managing your time efficiently and eliminating unnecessary, tedious tasks so you can keep your focus on patient care.

The custom app allows you to input patient demographics on a familiar device – avoiding the inconvenience of small scrolling buttons and tiny recorder displays. The intuitive app guides you through the hookup process, allowing your time with the patient to be as productive as possible.





Making it simple.

It's about simplicity. For the patient. For the technician. For everyone. And with the SEER 1000, one button does it all.

Yes, everything's there, at the touch of a single button. Without guesswork. Without multiple touches. Fewer distractions make it easy for your patient to get you the best possible data.



A fresh perspective.

The SEER 1000 is slim, trim and contemporary, built around the GE tradition of "friendly" design. It's small, comfortable to wear and allows your patients to pursue their normal daily activities, while you capture the data you need.

Three different recorders for three different studies; 24 hours, 48 hours, or 72 hours[†]. In three different contemporary colors - to brighten your patients day. And yours.



24 hours



48 hours



72 hours

Empowering you.

You – knowing the patient is properly connected.

You – knowing you're performing at a high level of efficiency and productivity.

You – knowing you have advanced dependable, yet simple technology.

And you – knowing you're making every heartbeat of every patient...count.



General Specifications	
ECG channels	2 channel 3 channel
Leadwire cable options	3 leadwire 5 leadwire 7 leadwire
Recording time options	24 hours 48 hours 72 hours [†]
Pacemaker detection	Standard (all channels)
LED's	Event button status indicator LED Hookup Guidance LED
Demographic data entry & hookup preview	PC Application via Bluetooth communication Mobile Application via Bluetooth communication
Download & 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	50g (1.76 oz)
Dimensions	70 mm x 63 mm x 18 mm 2.8 in x 2.5 in x 0.7 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

Compatibility	
Mobile Application	iOS6, iOS7 iPod® touch (4th and 5th generation) iPhone® 5 iPhone 4S iPhone 4 iPad® Mini™ iPad (3rd and 4th generation) iPad II
PC Application	Windows® 8 Windows 7 Home, Professional, Ultimate (64 bit) Windows 7 Home, Professional, Ultimate (32 bit) Windows XP (SP3)
MARS V8.0 SP3 and above	24 hours 48 hours 72 hours [†]

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

SEER 1000, SEER Mobile Application, and SEER PC Application are manufactured by GETEMED Medizin- und Informationstechnik AG for exclusive distribution by GE Healthcare.

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imagination at work