



State-of-the-Art Digital Holter

Decades of Innovation

Del Mar Reynolds' rich history of innovation began nearly a half century ago with the development of Holter monitoring and analysis. Now the Diagnostic Cardiology part of Spacelabs Healthcare, we are proud to continue this tradition of connecting innovation with care. Today we bring you **evo**, an evolution in Digital Holter Monitoring.

The **evo** Digital Holter recorder combines the latest technology with patient comfort and ease of use.

- Small, and lightweight, (3 5/8" x 1 3/4" x 5/8" and 2½" oz) **evo** is easy to wear and conceal under clothing, for patient comfort as well as privacy and compliance
- Feature-enriched recorder is housed in a compact sealed case to better withstand normal wear and tear
- Dynamic Energy Source™ eliminates the need for disposable batteries and offers lower cost of ownership with reduced maintenance
- Workflow-smart evo fully charges during data download so the recorder is never 'out-of-cycle' for the next patient
- No moving parts to maintain
- Individual lead wires for easy and less costly lead replacement, lowering cost of operation
- On board screen for signal quality check and information
- Fixed memory eliminates potential replacement cost of damaged or lost memory cards
- Over 48 hours of recording time (24/48 hours selectable) with pacer detection capability
- Convenient recording download via USB docking station



A New Evolution in Holter Monitoring

Simplicity at your fingertips

The menu system puts you in control, with common settings stored as standard. The high resolution ECG preview feature gives you even more confidence that the highest quality ECG will be recorded.



Pacing detection comes as standard and all recordings can be analyzed with selected Holter packages.

Work the way you want to

Procedures vary but no matter how you manage your diagnostic operations **evo**, and **Sentinel**, our Cardiology Information Management system, make your workflow work for you.

- Enter patient details, notes and medications
- Hook-up and instruct the patient on making diary events
- Start recording and send the patient home
- Upon return, download ECG for analysis and physician review

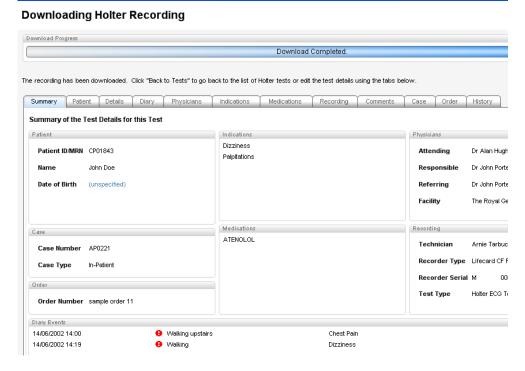
Downloading Holter Recording - Sentinel 4.0.0 - [admin]

Practical Digital Holter

With its evolutionary Dynamic Energy Source™ technology **evo** enhances clinician workflow while minimizing operating costs.

Upon patient return, **evo's** recorded ECG data are downloaded via the **evo** docking station. At the same time, the built-in energy source recharges the amount of energy consumed during data collection. The **evo** is now ready to be used on a new patient and is never 'out-of-cycle'.

- · Removable leads for easy cleaning
- Sealed recorder means no memory card to configure/install
- Reliability, ease of use, and low cost of ownership make evo ideal for busy cardiology departments as well as physician's offices





40 years of experience at your fingertips

evo Recorder Technical Specifications

ECG Inputs

Channels 3, type BF applied part patient isolation

Cable types 3 channel 4 electrodes, with detachable leadwires

Input impedance > 10 Mohms

Dynamic range 10 mVResolution $2.5 \mu\text{V}$

Bandwidth 0.05 - 40 Hz (-3 db)

Sampling rate 2048 samples per second per channel

Data Storage

Media type 128 Mbyte non-volatile internal memory

Data types full disclosure ECG, with pacing and patient event markers.

recording time and date, patient ID

Pacemaker Pulse Detection

Sensitivity 2 mV nominal, in all channels

Physical and Environmental Characteristics

Dimensions 92 x 45 x 15mm (3.62 x 1.77 x 0.59in)

Weight recorder body 72g (2.5oz) including Dynamic Energy Source™

User labelling area provided is 35.5 x 15mm (1.40 x 0.59in)

Temperature 0 to 45°C (32 to 113°F) operation, -20 to 65°C (-4 to 149°F) storage

Humidity operation or storage 5% to 95%, non-condensing

Pressure operation or storage air pressure 700-1060mbar (525.2-795.3mmHg)

Shock 2m (6.56ft) drop

User Interface

Type text menus and keys for up, down, left and right

Languages US English

Clock clock and calendar (to 2099), selectable 12/24 hour

date formats. 13mm digit height for patient use.

Ancillary features shows Dynamic Energy Source™ status before the recording starts

Hook-up display real time display of each channel, with 62.5 µV/26ms resolution

and pacing annotation

Docking Station USB2.0 compatible

Advanced design meets clinical needs

The evo Digital Holter Recorder has been inspired by cardiologists to fit your needs for arrhythmia diagnosis.

The intuitive screens, hook-up display and configurability make this recorder easy to use while delivering the highest quality ECG.

To learn more about evo, our Holter analysis solutions, or our full range of Diagnostic Cardiology products, please contact your sales representative or our offices listed below.



New Dynamic Energy Source™ technology eliminates the need for disposable batteries



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