



EZ Holter

IQmark™ EZ Holter

It's never been easier – The IQmark EZ Holter

The IQmark EZ Holter is engineered to set a new standard for ease of use. Simply enter the patient demographics, select auto report and start scanning. That's it! This three-channel, Windows-based system uses the latest in software technology, combined with the accuracy and versatility of the IQmark Holter algorithm. Screen layouts are easy to read and present the Holter analysis clearly. Big button menus consistent with the IQmark Diagnostic Workstation makes managing your diagnostic tests simple. Sophisticated software design enables digital integration of test results directly into EMR systems.

The IQmark EZ Holter is fully automated, yet it gives the operator options to define parameter thresholds to target specific analysis criteria. Cardiac occurrences exceeding preset limits are automatically categorized and displayed for further review. The IQmark EZ Holter makes complex analysis simple and cost-effective! Specifically designed for use with the IQmark Digital Holter Recorder^{CF}, the IQmark EZ Holter delivers the ultimate in digital accuracy.



- **Automatic Classifications of Events**

The IQmark Holter algorithm quickly analyzes cardiac events and displays pertinent results so you can spend more time caring for your patient.

- **Page-Scan Functions**

Color-coded samples can be viewed in 8, 30, 60 or 120 second formats. Labeling and immediate printing of sample strips are also provided.

- **Simultaneous Channel Analysis**

Two or three channels of ECGs are correlated during the analysis to enhance the system's accuracy.

- **QRS Amplitude/ST-Level Precision**

Digital technology ensures and verifies sample points for PR baseline reference, as well as J-point and ST measurement points for each channel of ECG data. All channels are automatically analyzed.

- **Automatic 24-Hour Full Disclosure**

Print out in one, two or three channels of 24-hour continuous, original ECGs. Patient diary events and abnormal ST-level annotations are indicated.

- **Automatic ST-Segment Analysis**

ST measurements of all three channels over the entire scan are provided. View or print ST level and ST slope graphs for all channels.

- **Automatic Color-Coded Arrhythmia Events**

Each detected arrhythmia classification is color-coded providing efficient review of test results for patient consultation.

- **Automatic Artifact Rejection**

Sophisticated digital filtering techniques help eliminate errors due to noise for a more accurate report.

- **R-R Variability**

Presents R-R Interval/R-R Ratio in histograms.

- **On Line Help**

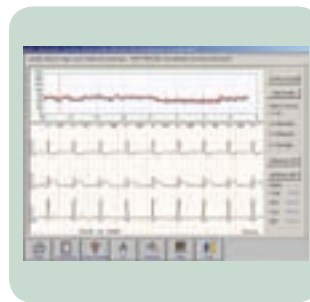
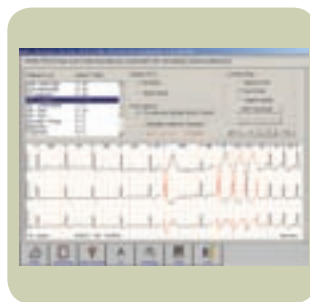
Find answers about the EZ Holter using the context-sensitive on line help files.

- **Electronic Report Features**

Reports can be digitally integrated into the EMR. Additional built-in features include the ability to create reports in PDF or JPEG formats.



Easier



Finally, a Holtter solution developed with the user in mind, while offering the utmost in efficient patient care.
Seamless integration with the IQmark Diagnostic Workstation

The IQmark Diagnostic Workstation is the portal to all Midmark Diagnostics' medical modalities: ECG, Holtter, Spirometry and Vital Signs.

You can use the IQmark Diagnostic Workstation to easily manage and edit your patient's test data stored in the database. Simply view and edit the data to create various reports that fit your practice and can assist you with your patient's diagnosis.

Integrated IQmark Diagnostic Workstation components have the following features in common:

- Uniform user interfaces and operations
- Uniform management of test reports
- Portable and compatible report formats

Specifications

IQmark™ EZ Holter

Data Acquisition:

24-hour non-compression

Features:

Analysis

Isolated premature ventricular ectopy (VE)

Ventricular couplet (VE pair)

Ventricular run (VE run)

Ventricular bigeminy (Bigeminy)

Ventricular trigeminy (Trigeminy)

Total VE

Longest/fastest/slowest VE runs

Isolated premature supraventricular ectopy (SVE)

Premature supraventricular pair (SVE pair)

Premature supraventricular run (SVE run)

Total SVE

Longest/fastest SVE runs

Asystole (Pause)

R on T

ST level / ST slope

Tachycardia

Bradycardia

Average/minimum/maximum heart rate

User Defined Auto-Reports

Minimum System Requirements

Microsoft® Windows®-based PC with Windows 2000 or XP

Intel® Pentium-class microprocessor (500MHz or faster) or compatible

RAM 64MB for Windows 2000/XP

Hard disk with 200MB of free space or greater

CD-ROM Drive

VGA display 256 colors (16-bit color recommended) with resolution 800x600 (1024x768 recommended)

Microsoft-compatible mouse, keyboard and printer – color printer required for color-coded reports

Specifications

IQmark™ Digital Holter Recorder^{CF}

24-hour non-compression

3-channel data

8-bit resolution

Removable Compact Flash memory

Interface: Compact Flash Card Reader or Standard PCMCIA Card Reader with Compact Flash Adapter

Compact Flash Card capacity: 48MB-96MB

Sampling rate: 128 samples/sec.

Input range: 5mV

Analog bandwidth: 0.05 to 100Hz (3dB)

Common mode rejection ratio: 60dB

Dimensions: 4.46in. x 2.75in. x 1.02in. (113mm x 70mm x 26mm)

Weight: 4 oz. (113g)

Uses two AA alkaline batteries

Warranty: 12 months

CE mark

ETL listed

Features:

Built-in LCD display for ECG tracing quality check

Patient Event button

Compact and lightweight

Reusable Standard Compact Flash Card

Compatible with 5-lead or 7-lead patient hookup kits (5-lead patient lead wire standard) (7-lead patient lead wire available)

IQmark™ Advanced Holter

If your practice requires additional capabilities, the IQmark Advanced Holter includes all the features listed here plus: ECG Preview; HRV and QT Analysis; Template Editing; Smart Page Scan (Pacemaker Analysis is an optional feature for IQmark Advanced Holter only).



The IQmark EZ Holter offers improvements in efficiency and quality of care. It can be used independently with our IQmark Diagnostic Workstation software or with most of today's EMRs. With an EMR, our seamless integration solution allows you to analyze a Holter test from within the EMR and instantly store the test result in the patient's electronic chart. This includes creation and storage of numerical, graphical and narrative results, as well as sample strips and full disclosure as digital data, not as an image. There is no better way to move your Holter workflow into the digital age.

The IQmark EZ Holter is backed by the service, support and the confidence of the Midmark name—the most trusted in the field of medical, surgical and dental examination and procedure equipment. Winner of Microsoft's Healthcare Users Group Award in 1999; Frost & Sullivan's 2000 Market Engineering Product Innovation Award; Frost & Sullivan's 2005 Competitive Strategy Leadership of the Year Award; and Towards Electronic Patient Records Best of Breed Award in 2002 and 2003... Midmark Diagnostics Group delivers practical, real-world advancements for today's clinicians, and devices that will grow with your practice.

For additional information, please visit:
www.midmarkdiagnostics.com

Midmark Diagnostics Group is an ISO 13485 Certified Company.

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