

IQmark™

EZ Holter

Opening Windows® to the World of Medicine

Every now and then there is something that changes...

...the way we think



...the way we work



...the way we diagnose



Making Holter easy...

...the way we think

It's never been easier... The Midmark IQmark EZ Holter.

The Midmark IQmark EZ Holter is engineered to set a new standard for ease of use. All you do is 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 Midmark Holter algorithm. Simple, intuitive screen layouts present important Holter analysis clearly.

Big button menus consistent with the IQmark Diagnostic Workstation makes managing your diagnostic tests simple. 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 displayed for further review. The IQmark EZ Holter makes sophisticated analysis simple and cost-effective!

Use it with our IQmark Digital Holter Recorder^{CF} for the ultimate in digital accuracy.

- **Automatic Classification of Events**

Automatic event classification by the Midmark algorithm allows you to spend time with your patient discussing the analyzed data, instead of spending hours editing reports.

- **Page-Scan Functions**

Color-coded samples can be viewed in 8, 30, 60 or 120 seconds 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 Calibration**

Automatic system calibration ensures and verifies sample points for PR baseline reference, and 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 Editing**

Each detected VE, VE-pair, V-tach, SVE, SV-pair, SV-tach, R on T, bigeminy and trigeminy can be viewed for accuracy. The system will automatically accept, reject or change classified occurrences throughout the entire program to affect all further processing.

- **Automatic Artifact Rejection**

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

- **R-R Variability**

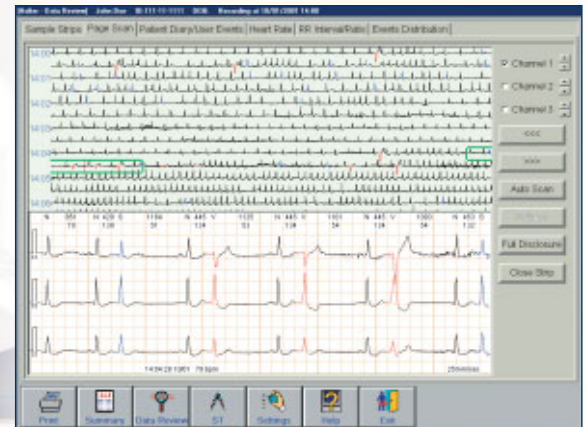
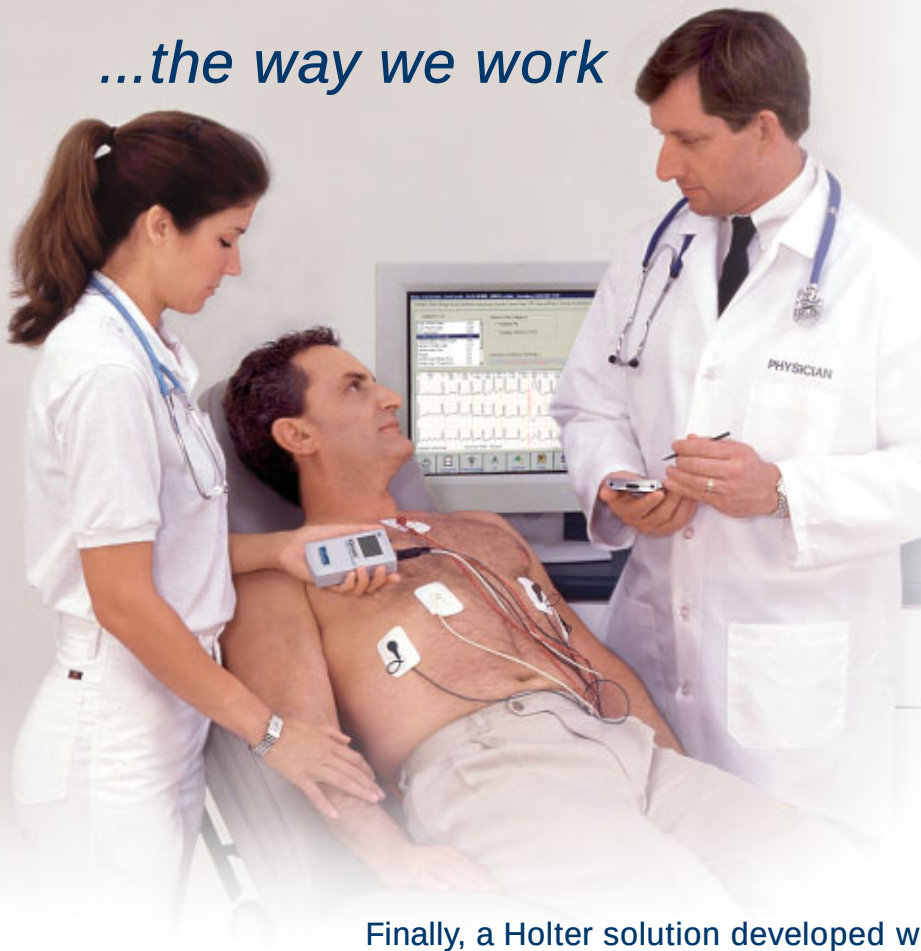
Presents R-R Interval/R-R Ratio in histograms.

- **On Line Help**

Find all your answers about EZ Holter instantly.

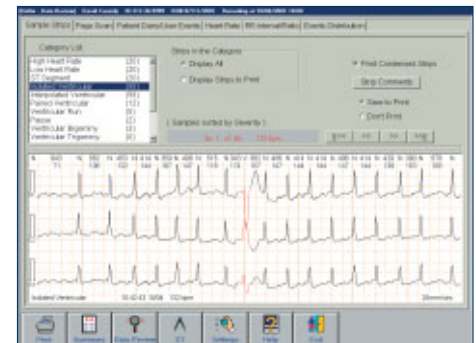
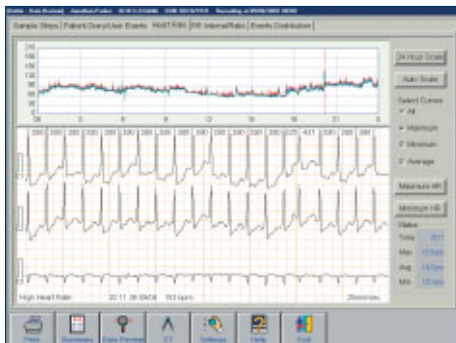
Midmark Diagnostics Group...

...the way we work



Simple, Intuitive, Easy to Use.

Finally, a Holter solution developed with the user in mind, while offering the utmost in efficient patient care.



...the way we diagnose

Seamless integration with the IQmark Diagnostic Workstation

The IQmark Diagnostic Workstation is the portal to all Midmark's medical modalities: ECG, Holter, 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
- New Microsoft® component technology

Accuracy and versatility known worldwide

IQmark™

EZ Holter

IQmark EZ Holter Specifications

Data Acquisition 24-hour full disclosure

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
- Heart rate variability

Minimum requirements for IQmark EZ Holter

- Desktop or laptop Microsoft Windows-based PC
- Pentium-based processor
- RAM
 - Windows 98—16MB
 - Windows 2000/XP—64MB
- 500MB free hard-disk space
- Windows supported printer
- Microsoft-compatible mouse
- CD-ROM drive
- PCMCIA drive or USB port
- Parallel Port

IQmark™

Digital Holter Recorder^{CF}

IQmark Digital Holter Recorder^{CF} Specifications

- 24-hour full disclosure
- 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



For more information or a demonstration, contact your Midmark dealer or Call: 1-800-MIDMARK Fax: 1-800-365-8631
Outside the U.S.A. Call: 1-937-526-3662 Fax: 1-937-526-4604
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