

Stress
EZ

IQmark™ EZ Stress®

IQmark EZ Stress - provides ease of use, reliability and adaptability.

Patients put their trust in you to perform whatever tests are required in their time of need. If preliminary tests point to the need for a stress test, wouldn't you like to be able to perform that test in your office? It will be comforting to your patient to know that you can provide the care they need at the time it is needed.

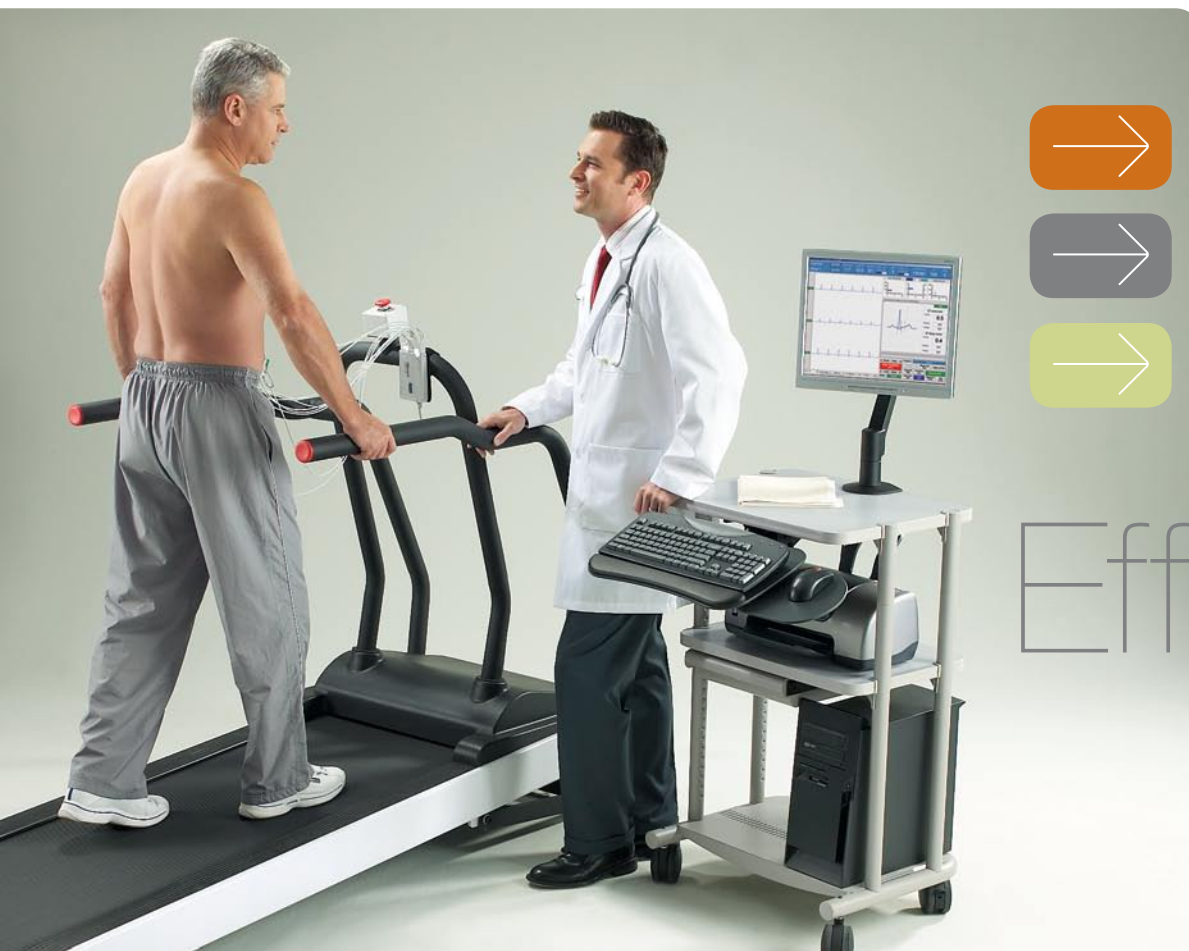
The IQmark EZ Stress is easy to own and operate. It utilizes the latest computer technology and Microsoft® Windows® platform to provide a cost effective stress test system that fits your practice. The software allows customizable user profiles to select test protocol, measurement parameters, display format and report settings to meet the needs of the individual physician, as well as institutions. The IQmark EZ Stress features the same intuitive graphical user-interface found on the award-winning IQmark Digital ECG, IQmark Digital Spirometer and IQmark Digital Holter systems. The user-friendly interface minimizes staff training required to operate the system so you and your staff can spend more time caring for your patients.

The IQmark Diagnostic Workstation provides centralized management of all tests acquired from any of the IQmark products including the IQmark EZ Stress. Designed with EMR integration in mind, the IQmark EZ Stress can be integrated into most of today's Electronic Medical Record systems.

IQmark™ Digital ECG

The IQmark EZ Stress uses the IQmark Digital ECG acquisition module for cardiac stress testing. This module uses a pinch-type patient cable and comes with a pouch for use during testing. The pouch secures the patient cable to the ECG module and also allows the module to be worn by the patient or affixed on the treadmill's handrail during the test. The patient cable/module combination provides RFI filtering, defibrillation protection and electrical isolation for patient safety.





Efficient



Simultaneous View

This stress test screen allows you to monitor and control the entire test. Simultaneously view real time ECG tracings in 3, 6 or 12 leads and monitor ST changes on up to 6 leads.



Review Results

Complete stress test results, including tabular summary, average beats, ECG tracings and trend graphs are displayed on screen immediately after the test.



Serial Comparison

Serial comparison provides detailed information about the patient's performance by comparing the current stress test results with previous results within the same application.

IQmark™ EZ Stress

Features

Preprogrammed protocols include Bruce, Modified Bruce, Balke-Ware, Ellestad, Naughton, Ramp and Dobutamine

Modify or add unlimited customized protocols for treadmill, nuclear or pharmacological stress test.

Create test profiles with complete set of preferences including protocol, measurement parameters, display formats and report settings.

Integrated interpretive resting ECG provided by Midmark 12-lead Resting ECG Analysis Program (formerly Telemed® Analysis Program)

Quality ECG tracings with latest data processing technology

Freeze 60 seconds of all leads for instant review while monitoring live ECG.

Save rhythm strips automatically at predetermined intervals or manually throughout the test.

Review full report online immediately after completing the test.

Reanalyzes and updates test results when patient or test data is changed.

Minimum System Requirements

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

Intel® Pentium®-class microprocessor (600MHz or faster) or compatible

128MB RAM

Hard disk with 1GB of free space

CD-ROM or DVD Drive

VGA Display 16-bit color, 1024x768

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

Minimum ports: 2 USB and 1 Serial; or 3 USB

Specifications

ECG module

2.8 in. (7.1 cm) x 5 in. (12.7 cm) x 0.88 in. (2.24 cm)

9 oz. (USB version)

11 oz. (Serial version includes two 1.5V AA alkaline batteries)

Performance and Safety Requirements

IQmark EZ Stress meets or exceeds the performance and safety requirements of ANSI/AAMI EC-11, ANSI/AAMI ES-1 and IEC-60601 Class CF

Display and Analysis

Muscle artifact filter

AC line filter

Baseline drift filter

Standard or Cabrera 12-lead

Continuous update ST Level, ST Slope, current average beat over resting average beat, HR, Target HR, %Target HR, Speed, Grade, METS, BP, DP, VE/min

Reports

Cover page, summary table, average beats, rhythm strips, resting ECG and trend report.

Treadmill

Speed: 0.5 – 12 MPH, zero start

Elevation: 0 – 25%

Running Space: 22" x 63" cushioned, lubricated, low-profile

Patient load: 500 lb weight capacity

Cart

Top shelf:

24 in. (W) x 19 in. (D) x 40 in. (H)

Middle and lower shelves:

24 in. (W) x 15.5 in. (D)

3 in. metal drawer for supplies

4 in. casters (2 front locking)

Note: Computer, monitor and printer are not included.



The IQmark EZ Stress 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 conduct and view a stress 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 rhythm strips as digital data, not as an image. There is no better way to move your stress workflow into the digital age.

The IQmark EZ Stress 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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