

# Mortara Stress Testing

## X-SCRIBE

Screen pictured only sample



Wireless solution for cardiac stress exercise.

**Windows™ Operating System –**

X-Scribe® provides an intuitive user interface with flexible configurations to facilitate ease-of-use.

**Complete ST Presentation –**

In addition to continuous ST trends, the X-Scribe presents ST level and slope for all 12 average complexes and auto-comparison with reference complexes which can be edited both during and after the procedure.

**Wireless ECG Acquisition Option –**

The X12+™ digitally transmits diagnostic quality 12-lead ECG data without the need for a conventional tethered patient cable.

**Source Consistency Filter –**

Mortara's patented Source Consistency Filter™ reduces noise and baseline artifact while preserving a diagnostic quality ECG signal.

**Beat By Beat Review Mode –**

Post-test playback allows for full disclosure review of the entire test.

**Report Export and Network Option –**

Non-proprietary PDF technology is used to create a portable electronic file that can be e-mailed or transferred across a network for convenient review or printing.

## X-12+

Mortara's patented wireless telemetry revolutionizes traditional stress exercise and enables new levels of freedom in multi-modality stress testing. Mortara stress exercise systems incorporate VERITAS™ ECG algorithms and are designed to meet a complete range of stress exercise testing needs.

## ELI350 Stress - a cost effective solution

The Mortara ELI350 is a high end portable ECG machine with a 17" TFT LCD. The stress module incorporates a lite version of the x-scribe stress software. Ideal for clinics and small hospitals. It utilizes wired technology to deliver signals from the patient to the ECG machine. This also acts as a portable resting ECG solution. Full control of your TM425 treadmill is made via the ELI350. Various storage expansions are available. This system is an ideal replacement for the older PORTRAIT systems in use. Cursor control can be from either a touch screen or "trim" type selector.



## Treadmill—Trackmaster TMX224

- User capacity of 180Kg.
- Frame of heavy-gauge steel
- Epoxy powder coat in jet-black rail with white finish
- Safety side-rails are standard
- Drive System
- Heavy duty 2.2 HP AC inverter drive
- Speed Range** : 0.5-12 MPH— Auto Speed Reset (ASR)
- Elevation Range**: 0-25% standard
- Running Surface**:
- 22" x 63" cushioned, lubricated, low profile (5" from floor)
- Double-sided running deck
- Floor Surface Requirements**: 33" x 88" level surface



All equipment is covered by a 1 year warranty unless otherwise stated. E. & O. E.

## Mortara Electrocardiographs

### ELI-350



**High-Resolution 17" Color Display –**

Impact-resistant LCD with 1280 x 1024 resolution and adjustable viewing angle enables full preview of ECG prior to acquisition or printing.

Mortara VERITAS™ Resting ECG Interpretation Algorithm – Internationally recognized Mortara resting ECG interpretation algorithm provides silent second opinion for 12-lead ECG interpretation.

**Connectivity Options –**

Bi-directional communications via LAN or wireless LAN with security support for WEP, WPA-PSK, and CISCO® LEAP.

**Information Exchange Interfaces –**

Patient demographics, ECG orders, and discrete and displayable results are exchanged with Mortara's E-Scribe™ and Athena products as well as third party EMR, HIS, and PACS systems via XML, PDF, UNIPRO, and DICOM®.

**Ease of Use –**

Intuitive icons and pointing device enable ease of navigation and simplified user training.

**Robust, Responsive, Ready-to-Go –**

Impact-resistant display and sealed keyboard are designed for demanding hospital environments. The "instant-on" feature enables clinicians to turn on the unit and immediately begin ECG acquisition.

**Full-Disclosure Option –**

12-lead full-disclosure ECG recording collects up to 30 minutes of diagnostic data.

### ELI-10



**Hand-Held Unit –**

Compact and lightweight, the ELI™ 10 electrocardiograph provides full-featured functionality in an ultra-portable, hand-held unit.

**ECG Preview –**

High-resolution backlit LCD display provides real-time preview of 12-lead ECG and VERITAS™ interpretation results to ensure high-quality data acquisition.

**Mortara VERITAS Resting ECG Interpretation Algorithm –**

Internationally recognized Mortara resting ECG interpretation algorithm provides silent second opinion for 12-lead ECG interpretation.

**Full Keyboard –**

Alphanumeric elastomer keyboard also includes dedicated "one-touch" buttons for ECG acquisition and ECG transmission.

**Internal Storage –**

Internal storage for up to 60 digital ECG records. Optional expanded storage for up to 150 digital ECG records.

**Connectivity Options –**

Multiple connectivity options include internal modem, GSM/GPRS mobile, LAN, or WLAN.

**Information Exchange Interfaces –**

Patient demographics, ECG orders, and discrete and displayable results are exchanged with Mortara's E-Scribe™ and Athena products as well as third party EMR, HIS, and PACS systems via XML, PDF, UNIPRO, and DICOM®.

## Mortara Electrocardiographs

### ELI-250



Portable Unit –

Compact and lightweight, the ELI™ 150 electrocardiograph provides full -featured functionality in an ultra-portable unit.

Backlit LCD Display –

High-resolution display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG.

Mortara VERITAS™ Resting ECG Interpretation Algorithm –

Internationally recognized Mortara resting ECG interpretation algorithm provides silent second opinion for 12-lead ECG interpretation.

Full Keypad –

Alphanumeric elastomer keypad also includes dedicated “one-touch” buttons for ECG acquisition, rhythm printing, and ECG transmission.

Internal Storage –

Internal storage for up to 60 digital ECG records. Optional expanded storage for up to 150 digital ECG records.

Connectivity Options –

Bi-directional communications via LAN, internal modem, serial port, or integrated GSM modem.

Information Exchange Interfaces –

Patient demographics, ECG orders, and discrete and displayable results are exchanged with Mortara's E-Scribe™ and Athena products as well as third party EMR, HIS, and PACS systems via XML, PDF, UNIPRO, and DICOM®.

### ELI-230



A brand new release from Mortara, incorporating the VERITAS™ software as seen in the ELI-250.

This is a super specified/super priced unit, ideal for all GP's and for ward use.

A superb feature of this unit is a choice you have to make, either a USB wired patient cable or a Wireless lead. There is no additional cost for what ever option you choose.

**Unbelievable features:**

- Full size 12-lead printing
- High-res colour display—multiple channel waveform
- Acquisition: 40,000 samples per second for pacemaker detection  
1000 samples/second analysis
- 12-lead detachable lead wires
- Universal AC power with internally charged battery
- Super small foot print

go wireless



## Mortara Holter

# H-SCRIBE

### Clinic and Enterprise Holter Scanning Systems.



#### Solutions for all Holter Needs –

H-Scribe™ offers solutions for the private physician's office as well as multi-facility hospital installations, with 3-channel and 12-lead systems, from stand-alone configurations to networked systems with interface options.

#### Multiple Scanning Options –

Retrospective, Prospective, and Superimposition scanning modes supported to enable both traditional and advanced scanning options.

#### Advanced VERITAS™ Signal Processing –

Mortara's VERITAS signal processing algorithms provide superior accuracy in beat detection, labeling, and noise rejection resulting in improved identification of events and faster scanning of records.

#### Up to 48-hour Recording –

Mortara H12+™ and H3+™ digital Holter recorders can record up to 48 hours of data with only one battery.

#### Networking Solutions –

Optional remote download and review of Holter data from various sites to support central Holter scanning system with satellite clinics.

#### Interface Export –

Optional export of the final report in PDF and XML format that enables connectivity to data management systems.

## H3+



### "Small" redefined for Holter recorders!

#### Small and Lightweight –

Just 1 ounce (28 grams), so small the patient will hardly notice it is there!

#### 3-Channel Recording –

3-channel recording, optional 2-channel bipolar recording also available. Pacemaker spike detection standard.

#### Waveform Display –

Graphic display to preview ECG waveforms during patient hookup.

#### Recording for 24 and 48 Hours –

With just one AAA battery the H3+™ digital Holter recorder has the ability to record continuously for up to 2 days.

#### USB Data Transfer –

Recording downloaded via USB cable to H-Scribe™ Holter Analysis system. Recordings can optionally be uploaded from a computer with internet access to a scanning center with the H-Scribe Web Upload option. Holter hookup can be performed in a location convenient for patients and clinicians.

## H12+



Not to scale

#### Continuous 12-Lead Holter Recording –

The H12+™ digital Holter recorder provides 12-lead data recorded beat-by-beat on a compact flash memory card for up to 48 hours.

#### Waveform Display –

Full graphic display to preview ECG waveform during patient hookup.

#### Digital Patient ID Entry –

Alphanumeric patient ID can be entered for unique identification of each recording. No external input devices are needed to enter the patient ID.

#### High-Resolution Pacemaker Detection –

A sampling frequency of 10,000 samples/ sec/channel provides for superior pacemaker spike detection.

#### Compact and Lightweight –

H12+ is designed to maximize patient comfort: it weighs just 4 oz. (125 g) and utilizes the patented LeadForm patient cable for maximum patient comfort.

# Mortara Holter—Web Upload



**Unlimited Number of Client Sites –**  
H-Scribe™ Web Upload securely and automatically installs on client computers, and connecting to new clients is easier than ever. Web-based application means no limitation to the number of remote client sites. Client updates are automatic and transparent.

**Data Security –**  
Secure transfer (SSL) with authentication to protect patient's privacy allows regulatory and HIPAA compliance. In the event of transfer interruptions, a notification is displayed and remaining data can be uploaded at a later time.

**Easy to Use –**  
Wizard-like user interface allows for simple H3+™ and H12+™ Holter recorder data transfer, patient demographic entry, diary event annotation, and recorder media preparation.

**Flexible Customization –**  
Web server administrators can configure their own banner logo along with languages, customized text, server settings, server lists, and data storage locations.

**Simple Installation –**  
Automatic web server installation plus web link for easy client-computer installation and upgrades minimizes setup issues and administrative involvement.

**Capital Outlay:  
Zero!!**

**Estimated report price:  
AUD50  
AUD65 with Cardiologist sign off**

This service is independent from Medspares.

First 8 pages from a H12+ study—Medspares is more than happy to provide a full PDF version for viewing