Millennia 1000
Holter Analysis System

BioTelemetry inc
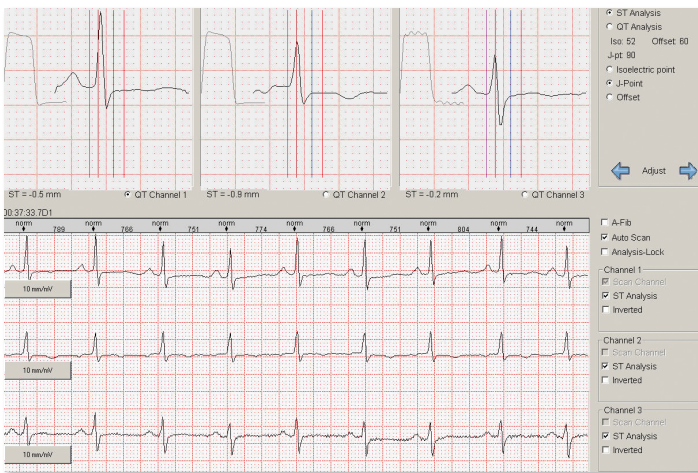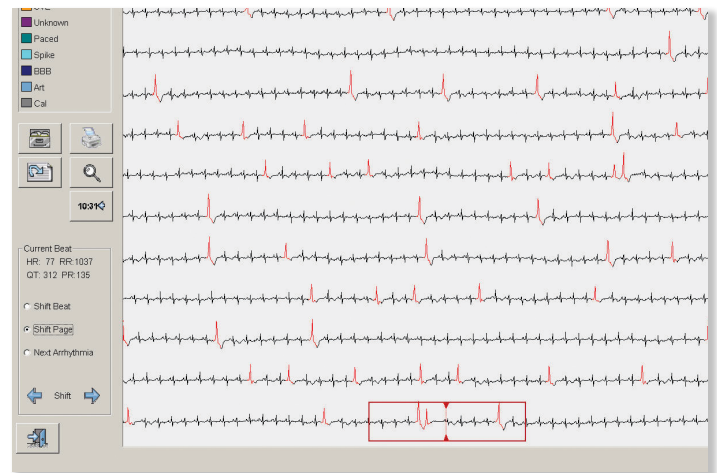TECHNOLOGY

Designed by Industry Experts

Biotelemetry Technology has scanned more than 2 million tests using our family of proprietary Holter analysis software for more than 35 years. Through real-world experience, we've acquired a thorough knowledge of what our clients need giving Biotelemetry Technology an advantage in developing and engineering Holter analysis systems. The Millennia 1000 Holter analysis software offers practical innovations and system features for facilities processing lower volumes of Holter data.

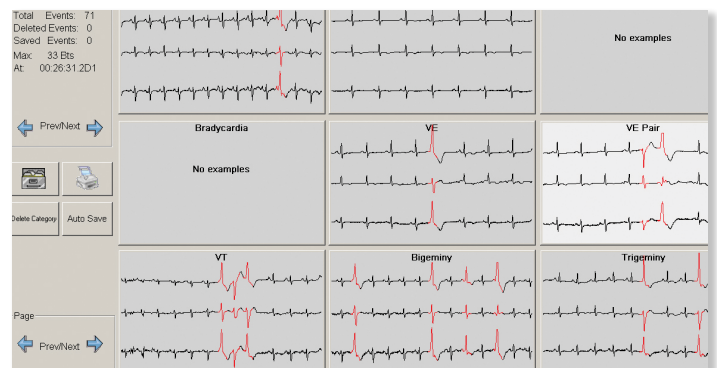*Preview normal template for arrhythmia analysis, or select a new template*

Retrospective editing tools, including page displays with color highlighting of abnormalities

Customizable Automated Analysis

Featuring automated arrhythmia analysis augmented with input from the user, the Millennia 1000 system allows the operator to accept a template chosen by the algorithm or choose one that is more appropriate. The digital recording is rapidly processed retrospectively, comparing all beats with the chosen template and creating new categories for each divergent beat. Following the analysis of digital data, Millennia 1000 software provides comprehensive editing and validation tools to efficiently edit and print accurate Holter reports.

Comprehensive Editing and Validation Tools

Post-digital data analysis, a number of tools are available allowing the ECG to be quickly edited, and an accurate Holter report printed. Using point-and-click commands, analysts can review and edit beat templates. In validation mode, the most significant findings for each scan can be promptly and easily viewed and documented. The analyst can also conveniently view recording sections and verify accuracy of analysis via color-coding of detected abnormal beats in the page mode.

Rapid access to all examples of significant events for verification and documentation

Millennia 1000 Features and Specifications

Analysis Tools and Capabilities

- All 3 channels visible for arrhythmia analysis, either user-selectable or automatic
- 3-channel ST segment analysis
- QT analysis on any single channel
- Time-domain heart rate variability
- Supports sampling rates from 128 to 1024

Holter Recorder Compatibility

- Braemar DL Series Digital Holter Recorders
- BMS 300 Digital Holter Recorder
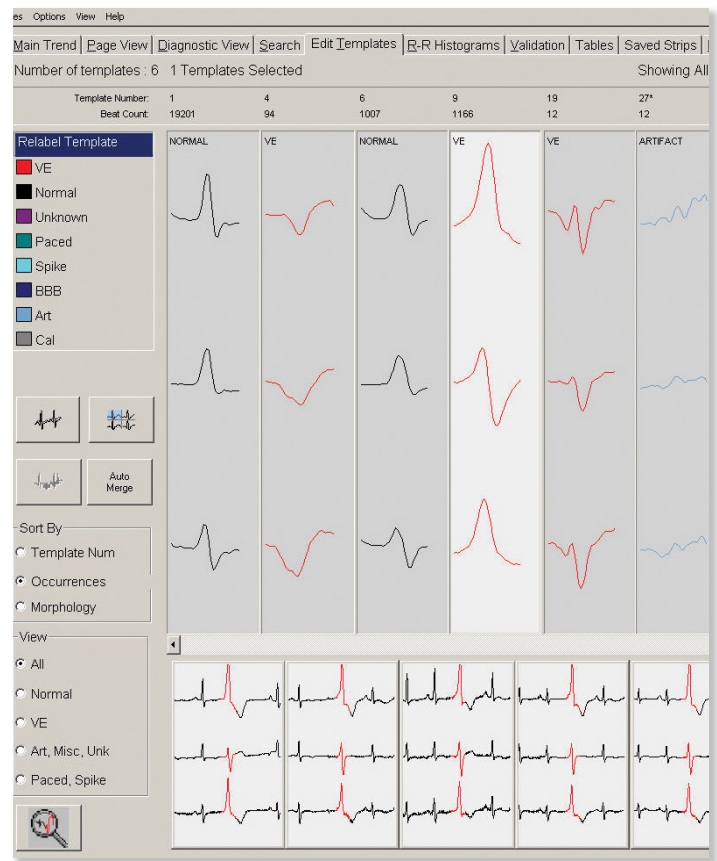- Datrix VX3 Digital Holter Recorders

Final Report Options*

- Cover page (paragraph, tabular, enhanced)
- General table
- Supraventricular ectopy table
- Ventricular ectopy table
- Bradycardia table
- Pacemaker activity table
- ST and heart rate trend
- Ectopy histograms
- Heart rate variability
- Strip list summary
- Diagnostic strips
- Patient event strips
- Significant event strips
- Full disclosure

Reports can be customized to include any or all of the sections listed above. The cover page can be customized with your logo and paragraph text that is specific to your facility or to individual referring physicians.

Millennia 1000 Configurations

The system is available as software only
(requires flash card reader or recorder interface cable)

Quick access to review, validate or edit QRS waveform classifications with template editing

Software Features

- Automated arrhythmia analysis, including retrospective editing tools
- Page-mode display with color-coded beat highlighting
- Template editing, with the ability to superimpose within any individual template
- RR interval histograms and scatter plots
- Validation display, for rapid identification of significant events
- On-screen display of all analysis tables with editing capabilities
- Point-and-click beat editing

Manufactured by: Braemar MFG, LLC, a BioTelemetry company

1285 Corporate Center Drive, Eagan MN 55121
800.328.2719 • Sales X1455 or X1456
gobio.com/technology

BioTelemetry inc
T E C H N O L O G Y