

# NorthEast Monitoring, Inc.

*advancing Holter technology™*

## Holter LX® Analysis Software

Four user levels



Compatible with  
all NorthEast  
monitors



User-customized  
reports



LAN/WAN  
support



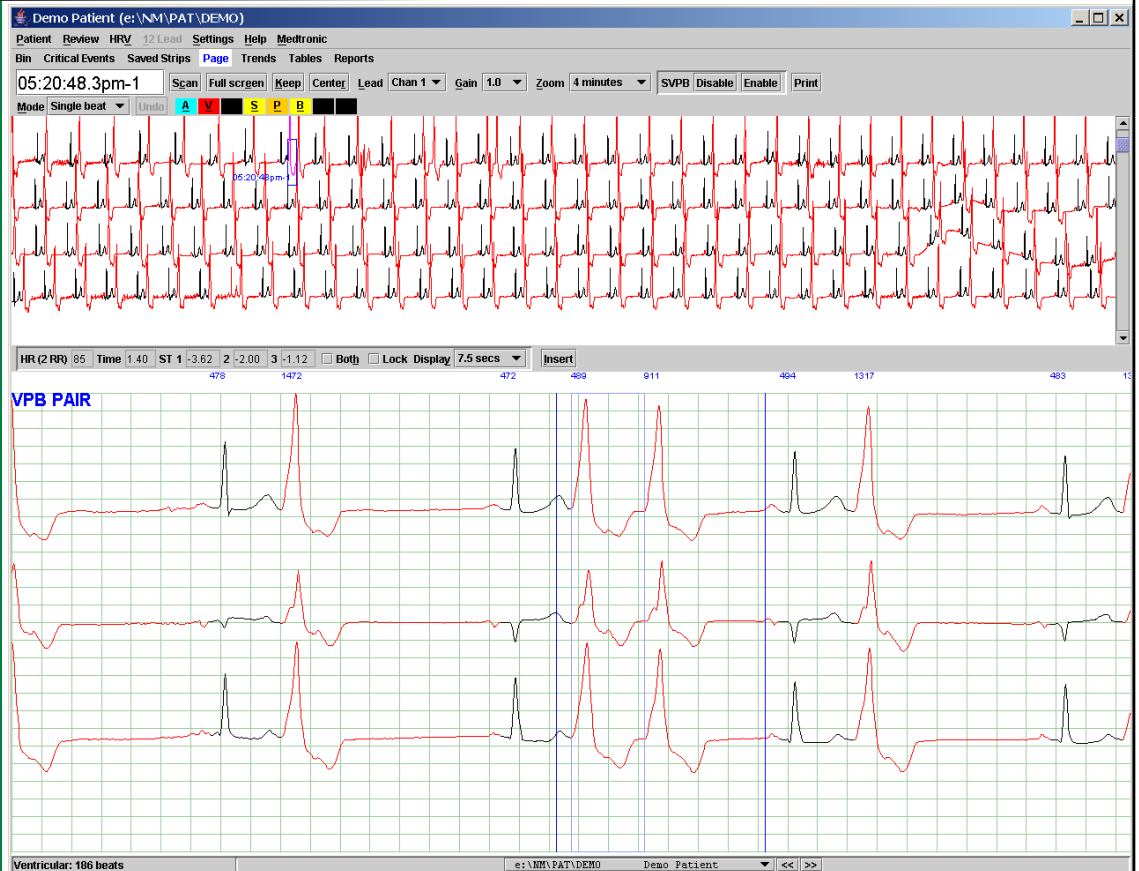
Fast, accurate  
analysis and  
proprietary  
features reduce  
editing time



Natural, intuitive  
editing speeds  
report generation



Industry-leading  
3-year warranty



The Holter LX® Analysis Software comes in four levels of functionality: Basic, Enhanced, Enhanced Plus, and Pro. Each is tailored to address the varied needs of our diverse user community. The software and efficient file structure on which it is built offer the doctor's office, the scanning service, or the most demanding cardiac research or clinical applications, the fastest and most user-friendly environment in which to reduce megabits of data to the critical reports necessary in today's world. The software supports networking and remote satellite office transmission.

A number of proprietary features make this software unique; the most productive and highly regarded in clinical and diagnostic communities. Contact NorthEast for an informative tour of LX® Analysis Software via the Internet. Sit back, relax, and let our professionals show you beat-by-beat how to use the software. (Broadband or DSL high-speed connection required.)



*"...the Gold Standard for our laboratory, ... used in over 200 clinical sites world-wide for continuous monitoring research in acute MI patients."*

Mitchell W. Krucoff, M.D., F.A.C.C.  
Associate Professor Medicine/Cardiology, Duke University Medical Center  
Director, Static & Continuous ECG Core Laboratory, Duke Clinical Research Institute

# Holter LX<sup>®</sup> Analysis Software Features

- ◆ Four user levels: Basic, Enhanced, Enhanced Plus, Pro
- ◆ Compatible with all NorthEast monitors  
*All NorthEast hardware uses the same software and db structure.*
- ◆ User-customized reports  
*Customized reports match your needs, e.g., contact information, diagnostic terms, morphological terms, key phrases and more.*
- ◆ LAN/WAN support  
*Supports local office networks (LANs) and remote, satellite offices (WAN transmit/ receive).*
- ◆ Fast, accurate analysis & proprietary features reduce editing time

*EQD - Enhanced QRS Detection plus proprietary algorithms means a higher percentage of automatically and correctly characterized beats.*

*ATC - Adaptive Template Construction fits a series of templates to a wide range of cardiac morphologies, reducing the need for manual intervention.*

*Compact db structure - An optimized and efficient database structure that does not compromise accuracy simply means faster download times to LX<sup>®</sup> Analysis software.*

*CMA - Coefficient Matching Algorithms run faster than other products and take less time to re-analyze the data.*

*ASTAT - Automatic ST segment Analysis Tool sets markers, measures the ST segment on all channels, plots the average and baseline values, highlights events with computer-assisted event selection.*

*Spectral analysis -- Reveals critical diagnostic information not easily recognized in the time domain.*

*12-lead display -- When 12-lead data are available, they can be fully displayed. This includes 3D plots and detailed ST/QT measurements with software calipers.*

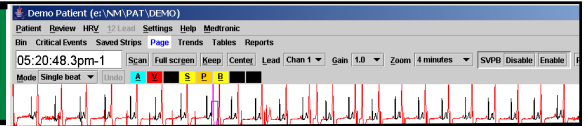
*Full disclosure -- Provides this display for a variety of reports and reimbursements as well as clinical studies.*

*Synchronized SpO<sub>2</sub> -- With the Oximetry option, see the relationship between blood O<sub>2</sub> levels and Holter cardiac data. Quickly separate cardiac and pulmonary issues or recommend further lab work, e.g., full sleep study.*

*SCCB - Software Controlled Channel Blocking can block any channel(s) in the display to eliminate artifact that obscures good data.*

- ◆ Natural, intuitive editing modes speed report generation  
*Natural drag 'n drop motif provides an easy, intuitive graphical user interface. LX<sup>®</sup> Analysis Software switches rapidly to the right context -- from beat, strip, page, trend or full disclosure; all are just one click away.*

- ◆ Industry-leading 3-year warranty  
*Includes Hotline support and software updates during Warranty period. eMSA (extended Maintenance and Service Agreement) available.*



## LX<sup>®</sup> Analysis Software Feature Matrix

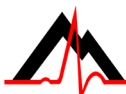
Analysis Feature	Software Package			
	Pro	Enhanced Plus	Enhanced	Basic
1 strip per hour	✓	✓	✓	✓
Bi - directional scanning	✓	✓	✓	✓
Diary event	✓	✓	✓	✓
Event marker	✓	✓	✓	✓
Label strips	✓	✓	✓	limited
Maximum heart rate	✓	✓	✓	✓
Minimum heart rate	✓	✓	✓	✓
Page mode	✓	✓	✓	✓
Remote (Magic Vortex)	✓*	✓*	✓*	✓*
SPO <sub>2</sub>	✓**	✓**	✓**	✓**
Calibration strips	✓	✓	✓	✓
Configurator	✓	✓	✓	✓
Critical events	✓	✓	✓	✓
Disable SVPB	✓	✓	✓	✓
Failure to capture	✓	✓	✓	✓
Failure to sense	✓	✓	✓	✓
Inhibition	✓	✓	✓	✓
Insert beat	✓	✓	✓	✓
Pause	✓	✓	✓	✓
ST baseline	✓	✓	✓	✓
ST depression	✓	✓	✓	✓
ST deviation maximum	✓	✓	✓	✓
ST elevation	✓	✓	✓	✓
SVPB	✓	✓	✓	✓
SVPB pair	✓	✓	✓	✓
SVT	✓	✓	✓	✓
VPB	✓	✓	✓	✓
VPB pair	✓	✓	✓	✓
VTAC	✓	✓	✓	✓
Beats	✓	✓	✓	✓
Bins	✓	✓	✓	✓
EC-11 12-lead	✓***	✓***	✓	✓
Interval editor	✓	✓	✓	✓
Strips	✓	✓	✓	✓
Templates	✓	✓	✓	✓
Time domain HRV	✓	✓	✓	✓
Bigeminy	✓	✓	✓	✓
Bradycardia	✓	✓	✓	✓
Early VPB	✓	✓	✓	✓
Fastest SVT	✓	✓	✓	✓
Fastest VTAC	✓	✓	✓	✓
Frequency domain HRV	✓	✓	✓	✓
Irregular R-R	✓	✓	✓	✓
Longest R-R	✓	✓	✓	✓
Longest SVT	✓	✓	✓	✓
Longest VTAC	✓	✓	✓	✓
Quadragesiminy	✓	✓	✓	✓
R on T VPB	✓	✓	✓	✓
Remote receive (Magic Vortex)	✓*	✓*	✓*	✓*
Spectral analysis	✓	✓	✓	✓
ST end	✓	✓	✓	✓
ST maximum HR	✓	✓	✓	✓
ST onset	✓	✓	✓	✓
Tachycardia	✓	✓	✓	✓
Trigeminy	✓	✓	✓	✓

\*Magic Vortex account required  
\*\*Purchase of an SPO<sub>2</sub> cable required  
\*\*\*Recorder option required

**Distributed by:**

FDA K930564

NB: In the U.S.A., Federal Law restricts devices to sale by or on the order of a physician. For in vitro diagnostic use. Not intended to replace real-time telemetry monitoring for patients suspected of having life-threatening arrhythmias.  
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