

NIVIQUIRE ECG SYSTEM FOR HRV STUDIES

Model NIVIQUIRE-B2

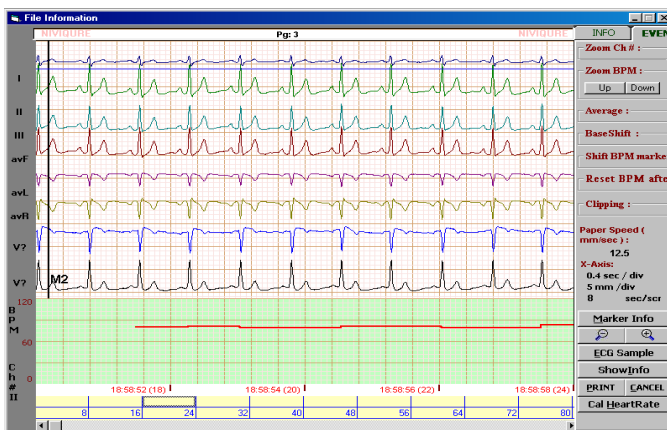
NIVIQUIRE-B2 Model: *Niviqure B2 Ambulatory ECG module is a compact HRV designed to record ECG signal anywhere, anytime. It has heart rate variability analysis and irregular heart beat warning.*

The data is acquired and stored in removable micro-SD memory card for later downloading and analysis. The system is compact and battery operated and hence portable. The Main module can also be operated in 'on-line' mode to view the ECG data on a computer / Laptop / Android Tablet immediately. Off-line / On-line ECG viewing on the computer monitor screen includes multi-lead ECG viewing, beat-to-beat analysis / detection (Heart Rate). Off-line beat matching through the use of morphological comparison is possible.

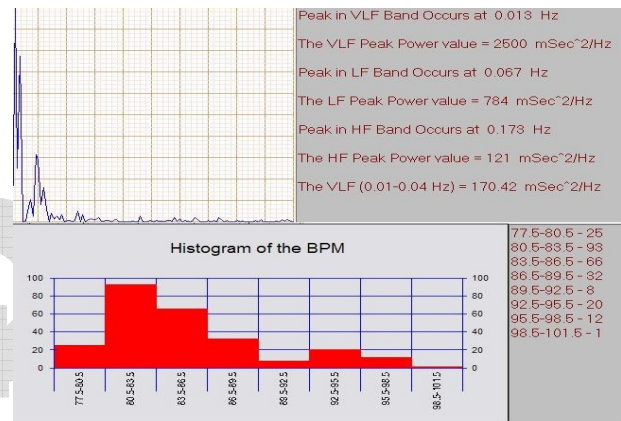


Technical Specification

- Number of channels: 2 channels (6 Lead ECG – I, II, III, aVR, aVL, aVF)
- Frequency band: 0.5 to 100 Hz. Time constant < 3 sec.
- Optimal Zoom (Y-axis), Time (X-axis), digital filters provided.
- Sampling rate set to 1000 samples per second per channel.
- Data saving / retrieval is possible in any of the following modes:
 - On-line data display
 - Off-line data acquisition.
- Can be used with or without a computer.
- Battery operated (chargeable) – 3.7V Lithium-ion, 1200 ma-hr. Recharging time: 8 hrs. max.
- Offline data storage in micro SD card – 2GB.
- Physical Characteristics: Weight: ~ 150 gms; Dimension: 70 * 100 * 25 mm



Representative ECG waveform



Time domain and Frequency domain analysis

- Analysis: Heart Rate (HR), ST Segment (ST), QRS Interval (QRS), Irregular Heart Beat (IHB)
- Heart Rate Variability Analysis Software included for offline studies using computer
- R-wave editing; RR interval data export

Designed, developed and manufactured in India.

In view of continuous upgrades the actual model may vary from the pictures and specifications shown in this brochure.

An ISO 13485:2003 & ISO 9001: 2008 certified company

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