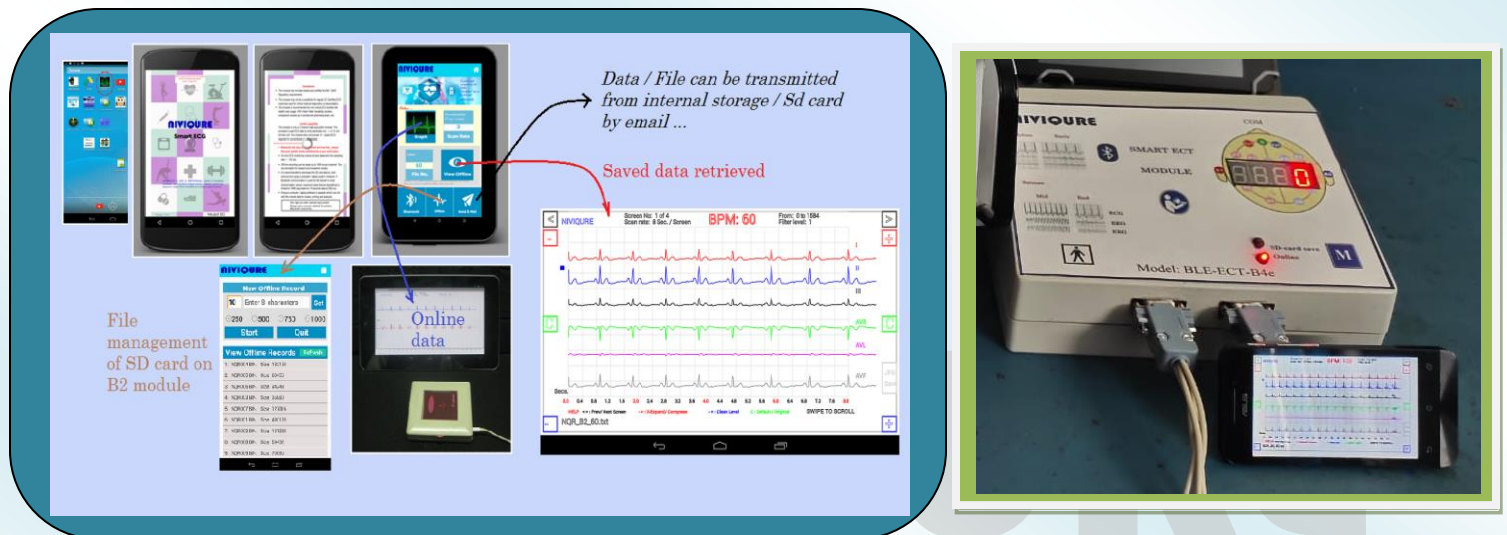


## NIVIOURE 4-CHANNEL BIO-FEEDBACK SYSTEM

### *Model NIVIOURE-B4BF*

**NIVIOURE-B4BF Model:** *Nivisure B4BF Bio-Feedback system is a compact unit designed to record up to 4-channel Bio-electrical potentials.*



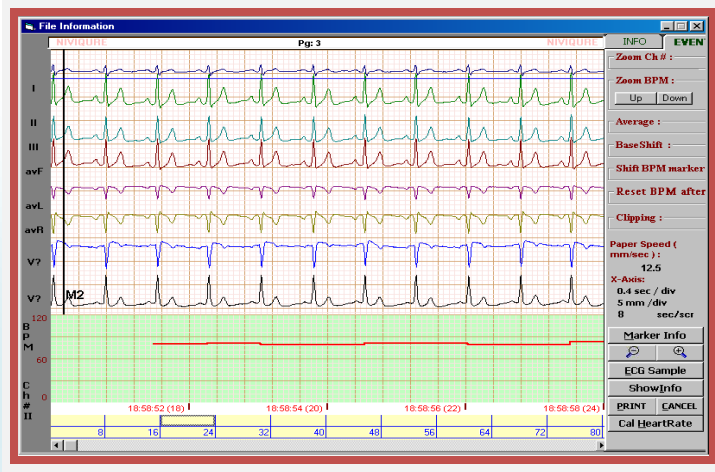
**(The above image is only representative)**

1. *ECG (with 1024 samples per second per channel data acquisition for HRV – Heart Rate Variability studies; for irregular heart beat studies / warnings).*
2. *Pulse (waveform and pulse rate studies)*
3. *Respiration analysis (Chest Belt type)*
4. *Respiration analysis (Nasal type)*
5. *EMG analysis*
6. *EEG analysis*
7. *Phono-cardiograph analysis*

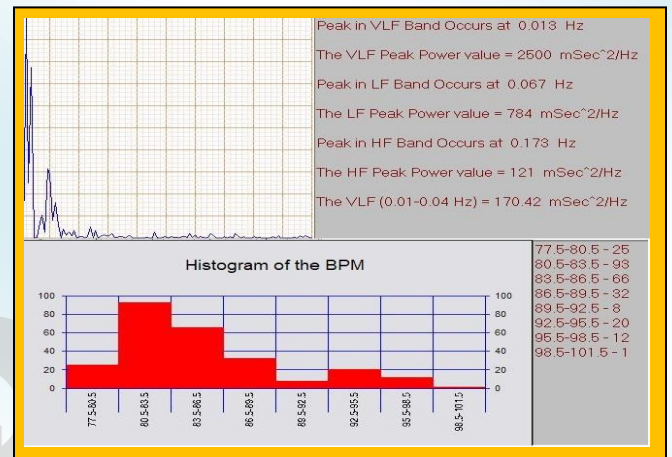
***(The 4-channel system will be customised for any 4 parameters)***

## Technical Specification

- Number of channels selectable: 2 or 4 channels.
- Frequency band: 0.5 to 100 Hz.
- Optimal Zoom (Y-axis), Time (X-axis), digital filters provided..
- Sampling rate set to 1000 samples per second per channel.
- The couplers and the required transducers are interface able with the Main Unit.
- Data saving / retrieval is possible in any of the following modes:
  - On-line data display.
  - Off-line data acquisition.
- **Can be used with computer and / or Android Smartphone Tablet / phone.**



Representative ECG waveform  
(demonstrating waveform quality)



Time domain and Frequency domain analysis  
(as seen on PC with Niviquire software)

- Modes:
  - 2-channel mode (Lead I and Lead II)  
expandable view to 6-channels (Leads I, II, III, aVr, aVf, aVl)
  - 4-channel mode (Leads I, II and any two chest leads)  
expandable to 8-Leads (Leads I, II, III, aVr, aVf, aVl and any two chest leads).
- Sampling rate: 1000 samples per second per channel during storage in micro-SD card. 125 samples per second for viewing on LCD screen as well as on computer screen.
- Micro-SD card storage memory: 2 Gb.
  - 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 13485:2016 certified company

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