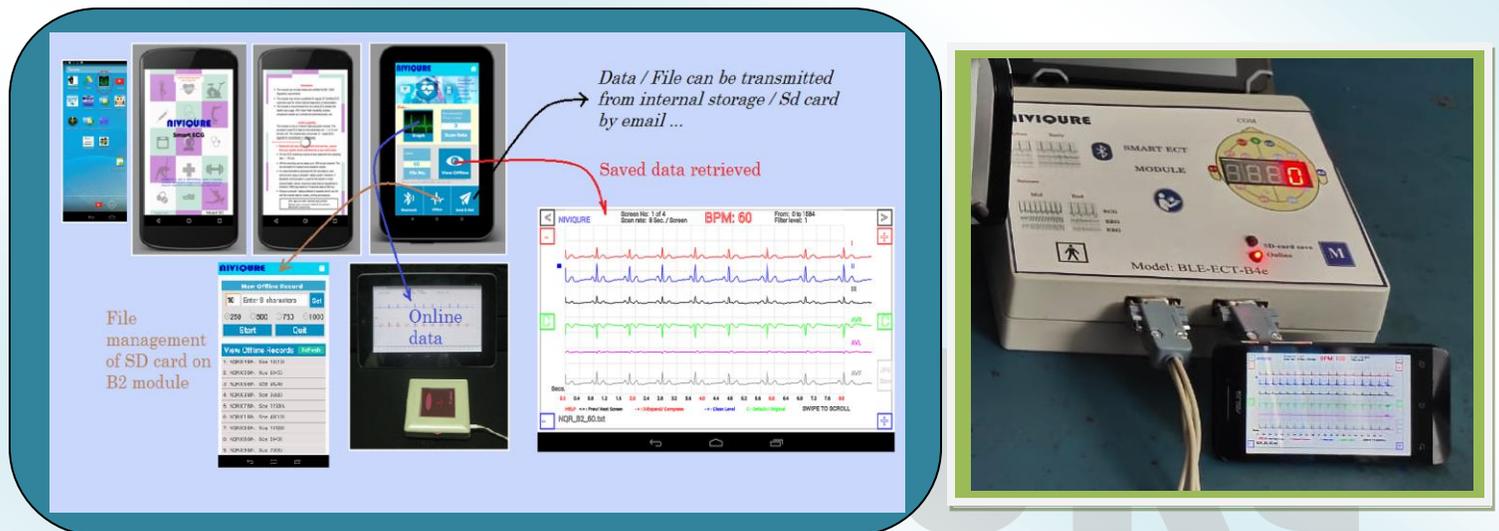


NIVIOURE 4-CHANNEL BIO-FEEDBACK SYSTEM

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*

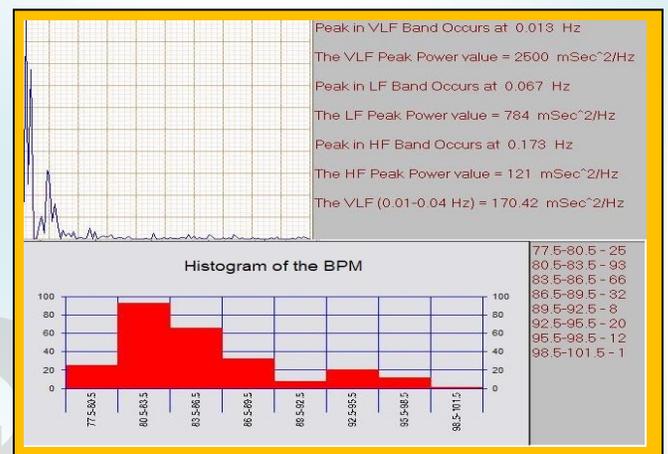
(The 4-channel system will be customised for any 4 parameters)

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 Niviqure 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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