



This system contains recorder & analysis software. Recorder is an easy-to-use unit, which collects 12-lead ECG waveform synchronously and records continuously for 48 hours. With the clear operating interface, analysis software is easy for you to use, which can play back and classifying dispose ECG waveform stored in recorder and achieve kinds of analysis functions, such as arrhythmia, HRV, QTD, TWA, etc.

Anticipative purpose:

This system can be used for dynamic monitoring of the heart disease, such as arrhythmia, coronary heart disease, and so on. It can record ECG signal from body for 48h, store the signal without compression, provide diagnosis basis for doctors by effective analysis software

Features.

Compact design and small size with OLED display

With 12 leads synchro analysis, QRS search can be more exactly

There are more than 10 templates as atrial premature beat module,

Ventricular premature beat module,

Long interval

module, Atrial flutter

module,

Atrial fibrillation module etc. and multiplicative User-defined templates could almost

identify every kind of pathological wave form

Flexible atrial fibrillation analysis, so that physicians can use full, segmented automatic,

manual analysis of atrial fibrillation, make the analysis more quickly and accurately

Powerful pacemaker analysis, on the AAI, VVI, DDD etc. all pacemaker analysis

Analysis of heart rate variability with short-range 5 minutes and long-range 1 hour

and full I analysis of heart rate variability

"Heart rate turbulence" analysis can predict the risk of death in patients with myocardial infarction

"T Wave alternation" analysis is an important index on judging and preventing Arrhythmia

The report has more reference value with the functions of VCG, VLP, TVCG and QTD analysis.

Removable TF card (volume: up to 2GB).

Work on "AAA" size battery, and workable for 60 hours.

Separated electrodes synchronously collect the 12-lead ECG data (easy for replacement).

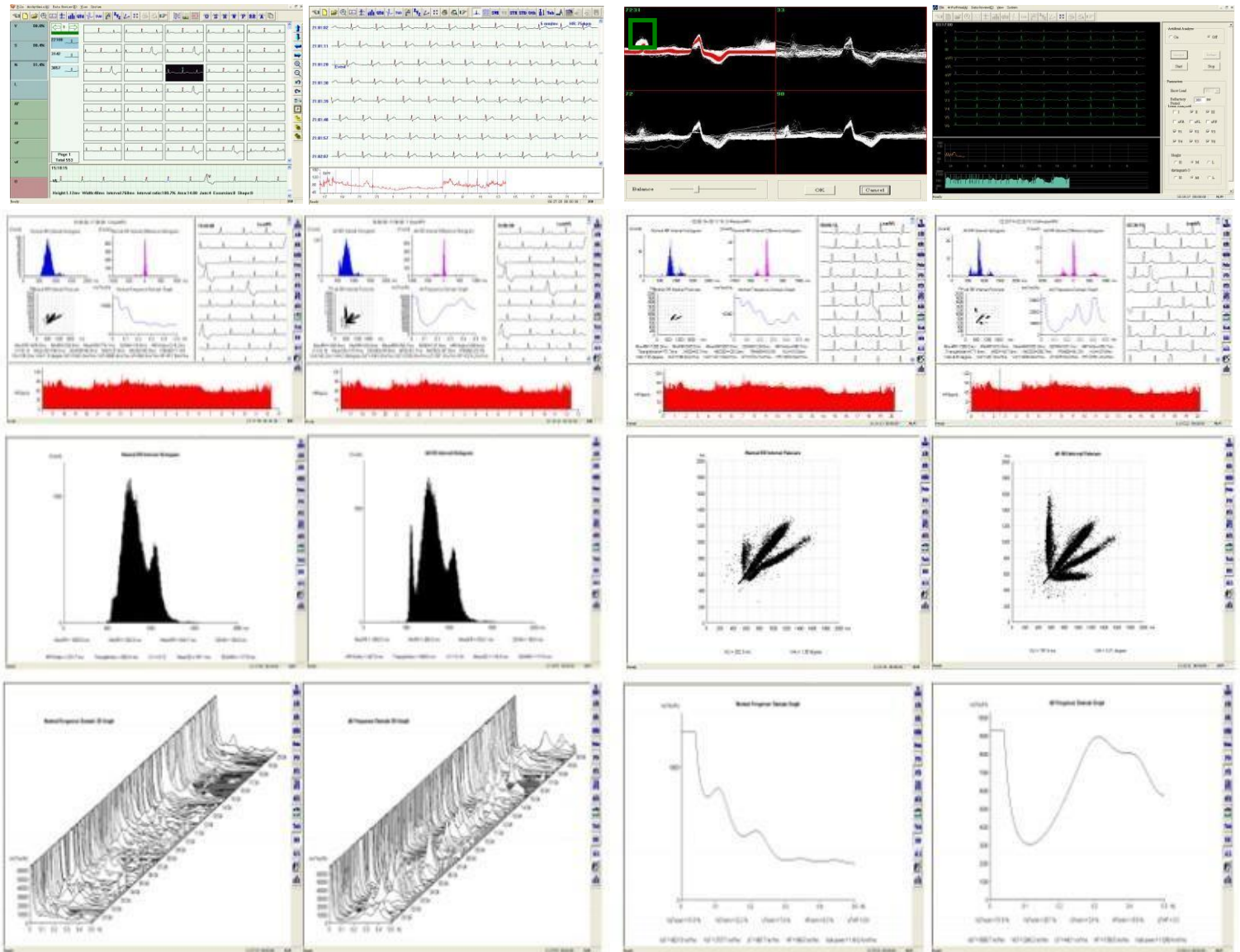


System set
1 Keypad tone
2 Demo mode
3 System init

System set
2 Demo mode
3 System init
4 Set time

SET TIME
date 2011-10-19
week WED
time 15:15:15

Software Gallery



Technical Specifications

Standard Sensitivity: 10mm/mV \pm 5%
 Noise level: $\leq 30\mu\text{V}$ p-p
 CMRR: $\geq 60\text{dB}$
 Frequency response: 10Hz as benchmark 0.5Hz \sim 55Hz; -3dB
 Scale voltage: 1mV \pm 5%
 12-lead isochronous ECG sample
 Least measure signal: 50 μV p-p
 Time constant: Time constant $\geq 3.2\text{s}$

Scan speed: 25mm/s \pm 5%
 Enduring polarization voltage: add $\pm 300\text{mV}$ D C polarization voltage, the sensitivity shift is no more than $\pm 10\%$
 Interfere between channels: scan track deflexion (result from) interfere between channels $\leq 0.5\text{mm}$
 Product safety type: Type B (Internally powered)
 Size: 80.5mm (L) * 59.5mm (W) * 22mm (H)
 Net Weight: 61.5g (Without battery)