



ECG Holter system includes ECG recorder and software connectable to a computer system or laser printer. The recorder has built-in flash storage media to increase memory capacity. The sampling rate of 1,000 sampling/sec has improved the quality of waveform. Accuracy of the system is ensured by AHA and MIT data.

Features:

- windows software interface
- quick and accurate analyzing system
- special editing system of R point
- perfect analysis function of ST segment
- analysis function of T wave of all channels and T wave trend graph
- review of ECG trend graph
- analysis system of HR variability, providing regular SDNN, SDANN, RMS SD, LF, HF, time domain and frequency domain
- QT analysis and QT trend graph
- acquire pacing ECG directly without separate channel; Also have the functions of VCG, VLP,

TVCG, HRT, TWA. (option)

Recorder:

-12channel Synchronized ECG Acquisition

- small ECG recorder with OLED colour screen to display real time ECG waveform and review

stored data.

- capacity upto 2G

- selectable sampling rate, 200, 500, 1000 sampling/sec

- sampling accuracy: 12bit

- built-in FLASH storage media, to prevent the flash card from damage due to repeated

insertion and pullout

- USB interface

- operating system: Windows 98, 2000, XP, 7

Technical Specifications:

- Scale voltage: $1\text{mV} \pm 5\%$
 - Standard sensitivity: $10\text{mm/mV} \pm 5\%$
 - Noise level: $\approx 30\mu\text{V}$
 - CMRR: $\approx 60\text{dB}$
 - Frequency response: 10Hz as benchmark, 0.5Hz~55Hz; -3dB
 - Time constant: $> 3.2\text{s}$
 - Scan speed: $25\text{mm/s} \pm 5\%$
 - Enduring polarization voltage: $\pm 300\text{mV}$
 - Least measurement signal: $50\mu\text{V}$ p-p
 - Interference between channels: scan track deflection (result from interference between channels) $< 0.5\text{mm}$
 - Product safety type: type B (internally powered)
- Size: 111 (L) x 60 (W) x 25 (H) mm
- Net weight: 105g (without battery)

Standard accessories:

- 1 Holter recorder
- 1 CD with software
- 10 leads patient cable
- 10 disposable ECG sensor
- 1 pouch for hanging recorder
- 1 USB cable for data downloads
- 1 USB security key
- Instruction Manual (english, italian)