



## Handheld ECG Monitor MD100B



*Make care with Science and Technology*



### The Scope of Application:

Observer, Handheld ECG Monitor, MD100B is designed for home use with the purpose of healthcare, and is suitable for every people, especially for those who may suffer from cardiovascular disease, such as hypertension, diabetes, coronary heart disease, etc., or those who have the symptoms of heart-throb, stuffy chest; or those of over middle aged citizens; or those who may suffer from adiposity. Regular and frequent measurements of the heart health condition will help you and your doctor recognize risk factors in early stage and act accordingly. The stored heart data records can be used as a reference for clinical ECG examination. Know your heart; know your health.

### Features:

- u Small, portable and easy to operate
- u Completely cable and electrode free
- u Fast measurement in just 30 seconds
- u 24 hour records of ECG Strips, each record with 30-second ECG waveform and analysis result
- u Measurement of one channel ECG anytime, anywhere you like
- u Display of ECG waveform, heart rate, analysis results and battery status on the backlit LCD
- u Measurement results transmission to PC by USB mode
- u Auto power-off while no key is pressed in 30 seconds
- u Auto-evaluation based on detected heart data
- u Dual measuring modes
- u 2 batteries can take at least 500 times measurement
- u Data Review freely





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MD100B**

**Technical Specifications:**

**ECG**

ECG bandwidth: 0.05Hz\_120Hz (-3dB)  
ADC resolution: 10 bit  
Sampling rate: 250Hz  
Heart rate measurement range: 15bpm\_300bpm  
Accuracy of heart rate measurement:  
15bpm-100bpm:  $\pm 1$   
100bpm-300bpm:  $\pm 2$

**Mechanical:**

Weight: 140g (including batteries)  
Dimensions: 130mm (L)\_65mm (W)\_20mm (H)

**Environmental Requirements:**

Operating temperature: 0°C ~50°C  
Storage temperature: -20°C~60°C  
Operating humidity:  $\leq 90\%RH$   
Atmospheric pressure: 86\_106kPa

**Display:**

Type: FSTN  
Parameters: 240\*160 LCD

**Storage:**

Data, and ECG strips storage  
HR: 10 days heart rates data storage  
ECG Strips: 24 hours Measurement results storage

**Power Supply:**

2 AAA alkaline batteries  
Supply voltage: 2.0V DC\_ 3.2V DC  
Max working current: 50mA

**Classifications:**

Type of Protection: Internally powered equipment  
Degree of Protection: CF  
Safety: IEC 60601-1

**Accessories:**

1. A hanging cord
2. 2 batteries
3. A pouch
4. A User Manual
5. USB Data cable (optional)
6. ECG cable (optional)

**Note: Specifications subject to change without prior notice.**