Portable ECG Monitors

MD100A1-E

Features

- Small, portable and easy to operate
- MD100’s 0.5 to 75 hertz frequency response provide optimal signal quality. Grid marks are provided at 5mm spacing.
- Auto powers-off if no key is pressed within 1 minute for MD100A1-E (1-10 minutes on MD100E).
- The patient may hold the unit between hands (Lead I), use their right hand to hold the unit against their left leg (Lead II) or hold the unit against the chest (Chest Lead). However, dry skin may result in artifact. Using the 3-Lead ECG Cable and electrodes will provide the best signal quality.
- Limb Clips may be clipped onto the arms and left leg to provide a fast convenient connection with good signal quality without the need to prep electrodes (ideal for EMS and first responders).

Color MD100E

Can display 30 Second Strips and heart rate, or be put into a continuous mode for extended monitoring. User can store strips and display them on the unit at a later time. 30 Second Strips may also be transferred to a PC via the included USB cable and software for archival & printing.
### Technical Specifications

#### ECG Measurement
- **Signal bandwidth:** 0.5Hz-75Hz
- **Sampling rate:** 200Hz
- **Heart rate measuring range:** 15bpm-300bpm
- **Heart rate measuring accuracy:**
  - 30bpm-100bpm: ±2bpm
  - 100bpm-240bpm: ±4bpm

#### Display Mode
- **Display screen type:** Monochrome LCD with backlight
- **Display Screen Size:**
  - 2.8” × 1.8” (MD100A1-E)
  - 2.4” × 1.8” (MD100E)

#### Data Storage
- **Items Stored:** Waveform data and ECG test result
- **Record Size:**
  - 30 seconds ECG data
  - # 30 Second Strips Stored
  - 200 (MD100A1-E)
  - 100 (MD100E)
- **Micro-SD Card**
  - MD100E Model only

#### Power Supply
- **Operation Voltage:** DC 3V (+0.3V, -0.8V);
- **Max. Operation Current:** 60mA
- **Power Source:** 2 AAA alkaline batteries

#### Environmental Requirements
- **Operating temperature:** 41ºF to 104ºF
- **Storage temperature:** -4ºF to 104ºF
- **Operating humidity:** ≤80%RH
- **Atmospheric pressure:** 645-795mmHg

#### Dimension and Weight
- **MD100A1-E Dimensions:** 5.1”(L) × 2.6”(W) × 0.9”(H)
- **MD100A1-E Weight:** 5.5oz (including batteries)
- **MD100E Dimensions:** 5.1”(L)×2.6” (W)×0.8”(H)
- **MD100E Weight:** 3.5oz (including batteries)

### Pricing:

- **Color MD100E Portable ECG Monitor (including 3-Lead ECG Cable & Software)** $279
- **MD100A1-E Portable ECG Monitor (including 3-Lead ECG Cable & Software)** $179
- **Limb Clips for MD100A1-E** $35
- **Carry Case with 2 zippered sections** $30

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**TMS Medical Technologies**

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