**DE03 ECG Machine Parameters**



**Functions & features**
● 12-lead synchronous ECG acquisition；
● Equipped with high speed and high sensitivity hot spot recording system, with print trace depth adjustment function；
● 7-inch high-definition and wide-angle color LCD screen, capacitive touch control, 12-lead display;；
● Six ECG record combination modes；
● 3 channels/ (3+R) channels/dual-row 6-channels/single-row 6-channels/single/dual-row 12-channels six ECG display combination modes;
● Accurate ECG automatic diagnosis function, with heart rate exceeding alarm function, and freely set whether to print the measurement and analysis report；
● Full keyboard touch input to enter hospital and patient information；
● With real-time ECG waveform freezing function, it is easy to grasp the patient's important ECG waveform；
● Manual, automatic, rhythm, physical examination and other operating modes；
● With RS232 communication interface, USB interface and LAN network interface；
● External large capacity USB memory, can achieve the storage, playback and printing of historical data on the computer；

● Built-in large capacity any ion rechargeable battery, and a special charging circuit and perfect battery management and protection system；
● With lead off detection function, with paper shortage detection function；
● Wide power supply design, suitable for 110-230, 50/60hz ac power supply.

● Memory capacity can be expanded by USB flash disk.

★ Can be connected to the ECG workstation, with a strong patient file management function, can store up to hundreds of thousands of ECG reports；

★ With low power consumption mode, it can automatically enter standby mode or shut down after a certain period of inactivity；

★ High-resolution thermal dot matrix print output; baseline stability detection to ensure that neat and beautiful ECG wave forms can be printed every time；

**Technical indicators**

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| Common mode rejection ratio | ≥100dB |
| The input circuit | Float, defibrillation |
| Input loop current | ≤0.1чA |
| Sampling rate | 12bit/1000HZ |
| Operating mod | Manual/automatic |
| The filter | Power frequency filter, EMG filter |
| Drift filtering | Anti-drift system |
| The input impedance | ＞50MΩ |
| Patient leakage current | ＜10чA |
| Fuse specification | T1.6A/ 250V Ø5×20 |
| Recording paper specification | Scroll/folding thermal recording paper (80mm) |
| Calibration voltage | 1mV±3% |
| Polarization resistance voltage | ±500m V |
| Time constant | ≥3.2s |
| Frequency response | 0.05Hz ～ 165Hz |
| Noise level | ≤15чVp-p |
| Minimum detection signal | ≤20чV |
| The feeding speed | 12.5 mm/s、25mm/s、 50mm/s |
| The sensitivity | 5，10，20 (mm/mV ±5 %) |
| Record | 3 channel high-resolution thermal printing |
| The battery | 10.8V/2.6Ah（28.08Wh） |
| Overall dimensions | 320mm×230mm×78mm | Net weight：1.85KG |
| Size of packing box | 390mm×300mm×215mm | Gross weight：4.5KG |