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ECG3

Three Channel ECG machine

Complete data display
Full digital filtering, highresolution thermal
printingPerfect ECG waveform



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TECHNICAL SPECIFICATIONS

ECG collection display

Input circuitFloating, Protection against defibrillator effect
Voltage tolerance: $\pm 500\text{mV}$
Time constant: $>3.2\text{s}$
Frequent response: $0.05\text{Hz}\sim 150\text{Hz}$
Input Impedance: $>50\text{M}\Omega$
Input Circuit Current: $\leq 0.1\mu\text{A}$
Patient Auxiliary Current: $< 10\mu\text{A}$ (220V-240V/50Hz)
CMRR: $\geq 100\text{dB}$, with AC Filter
A/D ResolutionA/D: 12bits/1000HZ
Acquisition Mode:Simultaneously acquisition of 12 lead, full
screen display of 12 channel ECG waveforms.
Sensitivity: 5, 10, 20mm/mV

ECG waveform measurement

Heart rate range: :30BPM~300BPM
Calculation accuracy of heart rate: $\pm 1\text{BPM}$

Recorder

Recording mode: High resolution thermal printer
Paper speed: 12.5 mm/s、25mm/s、50mm/s ($\pm 3\%$)
Width of recording paper: Rolled thermosensitive
paper, the dimension of 3 channel thermal paper is
80mm (W) \times 20m (L)
Recording paper: Thermal recording paper

Input output interface

USB interface (optional) .

Working mode

Manual mode and Automatic mode

Display

Display Size: 7 "Display

Mode of operation

The key input Touch screen input(optional)

Power supply

- 1) AC Power Supply
Rated voltage: 100V-240V
Rated frequency: 50Hz/60Hz
Rated power: 60VA
- 2) Built-in Lithium Rechargeable Battery
Rated voltage: 12V
Rated capacity: 2000mAh
- 3) Fuse: F2AL 250V

Product size and weight

Product Dimension: 300mm \times 240mm \times 72.5mm
Product weight: 2.5Kg

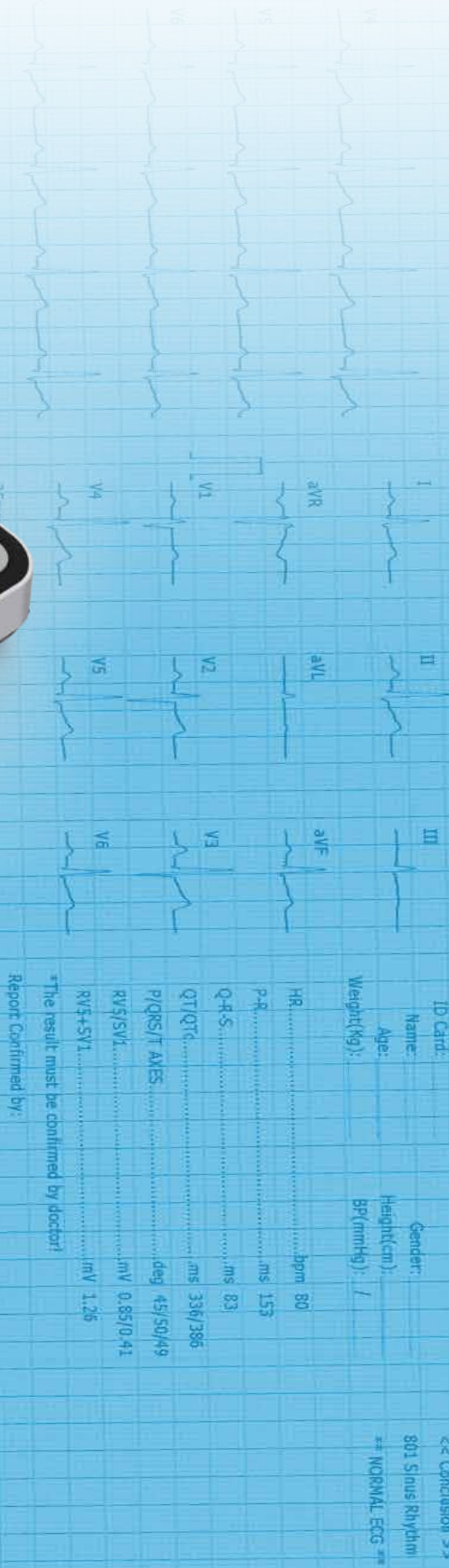
Environmental requirements

Transport and storage environment
Temperature: $-20^{\circ}\text{C}\sim 55^{\circ}\text{C}$
Relative humidity: 25%~95%
Atmospheric pressure: 70kPa ~1060kPa
Work environment
Temperature: $5^{\circ}\text{C}\sim 40^{\circ}\text{C}$
Relative humidity: 15%~85%
Atmospheric pressure: 860kPa ~1060kPa



ECG3

The ECG machine is such a kind of electrocardiograph, which samples 12 leads ECG signals simultaneously and prints out the ECG waveforms with thermal printing system.



NOTE: The specifications are subject to changes without prior notice.

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ECG3

- Modern in design, light in weight, compact in size.
- Simultaneously acquisition of 12 lead, full screen display of 12 channel ECG waveforms.
- 7" color screen, both push-button and touch operation (optional) .
- Sensitive filters of ADS, HUM, and EMG.
- Automatic measurement, calculation, analysis, waveform freezing. Auto-analyze and auto-diagnostic can reduce doctor's burden and improve working efficiency.
- Automatic adjustment of baseline for optimal recording.
- Thermal printer with 80mm print paper, synchronization print.
- Lead off detection function.
- Built-in rechargeable li-ion battery (12V/2000mAh), AC/DC power conversion.
- Adapt to 100-240V, 50/60Hz AC power supply.
- Historical data and patient's information can be reviewed and printed.
- The machine can store over 500 ECG reports in its built-in flash.
- USB communication interfaces (optional) .
- The device can record real time clear and exact 12 channel ECG waveform and remark continually. The remark includes: lead sign, sensitivity, paper speed, filter state, etc.



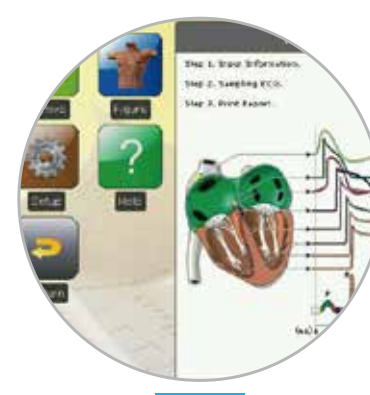
USB driver (optional)



Compact, portable design



Friendly operation



Simple interface display



Functions are as follows: recording and displaying ECG waveforms in auto/manual mode; auto-measuring and auto-diagnosing the ECG wave parameters; save patient data into machine, USB driver automatically(optional), prompting the state of lead off.

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