



Interpretive 12 channel resting ECG with color LCD Touch screen

CardioTouch 3000

- * Convenient A4 size print-outs allow for easy chart filing
- * Grid function allows you to use low cost plain fax paper
- * One-touch operation (monitoring, recording mode)
- * 12ch simultaneous display
- * Wide and clear color TFT LCD
- * Touch screen for easy operation
- * Rotary key access to all menus

- 12channel interpretive ECG
- Over 120 kinds of interpretation results based on advanced Minnesota code
- Memory up to 200 ECGs
- Real-time preview monitor
- PC compatible through LAN
- Multi-language (English, Russian, French, German, Italian, Chinese, Spanish, Turkish, Polish, Romanian, Portugues) available
- Lead fault message
- Pace maker detection
- Supported standard file format: ECG, XML, PDF, JPEG, MFER



SPECIFICATIONS

ECG

| | |
|-------------------------------|---|
| ECG Leads | Simultaneous 12channel Resting ECG |
| Dimension | 290(W)×300(D) ×97.5(H)mm, Approx. 3.5kg (Main Body) |
| Recording Channel | 3CH+1RH, 3CH+3RH, 6CH+1RH, 12CH, 1CH Long Time (1min) and Beat Report |
| Sensitivity | 2.5, 5, 10, 20, Auto (I~aVF: 10, V1~V6: 5)mm/mV |
| Printing Speed | 5, 12.5, 25, 50, 100mm/sec |
| Sampling Rate | Analysis Sampling Rate – 500sample/sec Digital Sampling Rate - 8,000sample/sec |
| Filters | AC (50/60Hz, -20dB or better), Muscle (25~35Hz, -3dB or better), Base Line Drift (off, 0.05, 0.1, 0.2Hz, -3dB or better), Low Pass Filter (off, 40Hz, 100Hz, 150Hz) |
| Display | 272 x 480 Pixel Resolution, 4.3" Color TFT Wide Display 12 Channels Preview, ID, HR, Gain, Speed, Power Status |
| Export file format | ECG,XML,PDF,JPEG,MFER |
| User Interface | Touch Screen, Rotary Push-knob |
| Recorder | Thermal Print Head, Roll Paper Report Paper - Width: A4/Letter – 215mm (8.5") - Length: A4 – 297mm (11.7") Letter – 279mm (11") Resolution: 8dot/mm (0.125mm pitch) |
| Patient data | ID, Name, Age, Gender, Height, Weight |
| Basic Measurement | Heart Rate: 30~300bpm (±3bpm) PR, QRS, QT/QTc, P-R-T axis |
| ECG Data Storage | Internal Storage for 200 ECGs: Built-in Memory |
| Electrical | Internal Noise: 20uV(p-p)max Input Impedance: More than 50MΩ Input Voltage range: ±5mV CMRR: Greater than 105dB DC offset Voltage: ≥ ±400mV Patient Leakage Current: < 10uA Frequency Response: 0.05~150 with in -3dB Isolated, Defibrillation and ESU Protected |
| Signal Quality Control | Pacemaker Pulse Detection Lead Fault Detection, Signal Saturation Detection |
| Power | Input: 100-240Vac, 1.5-0.75A, 50-60Hz, Output: 15Vdc, 4.2A |
| Battery type | Replaceable and Rechargeable, Lithium ion, 11.1V, 2600mA |
| Battery Capacity | 6 hours of normal use (without recording,200 ECGs) in 12CH Battery charge 3 hours |
| Communication | LAN, WIFI (option) |
| Safety Conformity | Class I, Type CF, Defibrillation-proof applied Part. |
| Environment | Operating Temperature: 5~40°C Operating Humidity: 10~90%RH Atmospheric Pressure: 70~106KPa |
| Standard Accessory | Patient Cable (1 EA), Limb Electrodes (1 SET), Chest Electrodes (1 SET), ECG Paper (1 EA), Power Cord (1 EA) |
| Options | Rechargeable Battery (1 EA), Cart(1 EA), Hanger (1 EA) |

* Specifications can be changed without prior notification.



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