

CARDIOGRAPH 1200

Digital 12 Channel ECG Machine

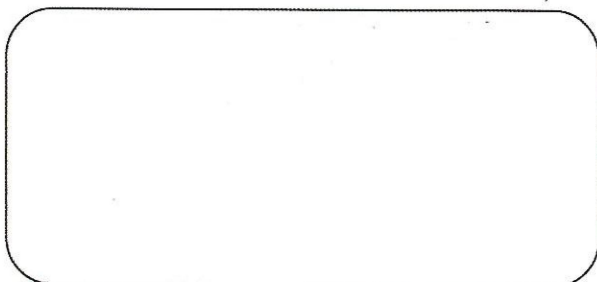


FEATURES

- 7 inches color TFT screen, showing 12 channels ECG wave at the same time
- Modern in design, light in weight, compact in size, with comfortable keypad
- Simultaneously acquisition of 12 lead, full screen display of 12 channel ECG
- Built-in real time age analysis software to make the analytic result more reliable
- ECG measurement/analysis function
- Sensitive filters of ADS, HUM, and EMG
- Four kinds of operation modes: AUTO, MAN, R-R, STOR
- Six kinds of print-out: 12 ch, 3 ch, 6 ch plus rhythm, arrhythmia, physical examination
- Detection and alarm of lead-off, lack of paper or no battery
- Built-in ECG simulator
- Built-in high capacity rechargeable lithium battery
- Thermal dot-matrix printer for high-resolution printout
- Automatic adjustment of baseline for optimal recording
- Standard RS232 and USB communication interfaces or optional wireless
- Communication interface for ECG workstation software
- Clinical information such as patient ID, sex, age can be edited
- Case Storage function : 250 cases can be saved in the machine

TECHNICAL SPECIFICATIONS

- Lead: standard 12 leads
- Lead acquisition: 12bit/1000Hz (synchronously 12 leads)
- Work mode:MAN、 AUTO、 R-R、 STOR Modes
- Filter:AC Filter:50Hz/60Hz,EMG Filter25Hz/45Hz,Anti-Drift Filter0.15Hz (Adaptive)
- CMMR: ≥ 120 dB (with AC FILTER)
- Input circuit: Floating; Protection against Defibrillator effect
- Input Impedance: Floating; $\geq 50M \Omega$
- Input circuit current: ≤ 0.05 A
- Input dynamic range: ± 10 mVp-p
- Patient current leakage: < 10 A
- Calibrating voltage: $1mV \pm 2\%$
- Voltage tolerance: $\geq \pm 500$ mV
- Time constant: ≥ 3.2 s
- Frequency response: 0.05~160Hz(-3db)
- Noise level: < 15 Vp-p
- Sensitivity valve: ≤ 20 V
- Sensitivity: 5, 10, 20, 40, Auto (mm/mV)
- Inter-channel Interference: ≤ 0.5 mm
- Paper speed: 6.25, 12.5, 25、 50mm/s ($\pm 3\%$)
- IEC 60601-1/UL60601-1,EN 60601-1-2,Safety classification: Class I, Type CF, IPX0,Applied Parts : Patient Cable Not suitable for use in the presence of a flammable anesthetic mixture (No AP/APG Protection) Continuous operation
- Storage:Temperature: $-20^{\circ}C \sim +55^{\circ}C$, Relative Humidity:25%~95%
Atmospheric Pressure: 700hPa~1060hPa
- Operation:Temperature: $+5^{\circ}C \sim +40^{\circ}C$, Relative Humidity: 25%~80%
- Atmospheric Pressure: 860hPa~1060hPa
- External In:Input impedance: $> 100k \Omega$, Input Sensitivity: 10mm/V $\pm 5\%$
Output impedance: $\leq 100 \Omega$, utput Sensitivity: 1V/mV $\pm 5\%$
- Recording Mode: 3ch+++、 6ch、 6ch+、 12ch
- Recording method: Thermal Array printing
- Paper specifications: 210/215mm Roll / 210mm Z-Fold
- LCD display: 800x480 LCD(7 inch)
- Case Storage: 250 ECG cases(Expandable)
- Communication: USB/UART Port, LAN(not present)
- Power supply: AC 110~230V ($\pm 10\%$) , 50/60Hz(± 1 Hz) ; 60VA
DC : Built In Rechargeable Battery ; 14.4V/4400mAh
- Fuse: T2A/250V, $\phi 5 \times 20$
- Dimension/Weight: 347mm \times 293mm \times 83mm, 4.8Kg



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