



CardioCare 2000

Interpretive 12 Channel Resting ECG



Backlight Display

One-touch operation
(monitoring, recording mode)

A4 size print-out

- Convenient A4 size print-outs allow for easy chart filing
- Copy function allows varied printouts from single patient sample
- Grid function allows you to use low cost plain fax paper
- One-touch operation (monitoring, recording mode)
- Accurate simultaneous 12 channel cardiac data acquisition
- Over 130 kinds of interpretation results based on advanced
- Minnesota code
- High-Quality 12ch interpretive ECG
- Free S/W upgrade via internet

Technical Specifications

ECG leads	12 lead, simultaneous ECG and acquisition
Dimension	296 (W) x 305.5 (H) x 92.5 (D)mm, Approx.2.98 kg
Recording channel	3, 6, 12 channel and 1 channel (60 sec)
Sensitivity	5, 10, 20, auto (1~aVF: 10, V1~V6: 5) mm/mV
Printing speed	12.5, 25, 50 mm/S
Sampling rate	500 samples/sec
Filters	AC (50/60Hz, -20dB or better) Muscle (25 ~ 35Hz, -3dB or better) Base line drift (0.1 Hz, -3dB or better) Low pass filter (off, 40Hz, 100Hz, 150Hz)
Display	2 x 16 character backlit LCD Display
LCD display	Sensitivity, speed, filter status, HR, printing form, rhythm lead
LED indicator	Signal quality, power source, battery
Keyboard	Membrane keyboard, Alphanumeric and symbol available
Patient data	ID, name, age, sex, height, weight
Basic measurement	Heart rate, PR int, QRS dur, QT/QTc, P-R-T axis
Recorder	Thermal print head, Thermal roll paper Report papers : width : A4 : 210mm or 8.5" , length : A4 : 300mm or 11" Effective writing width: 204mm Resolution : Vertical : 8 dots/mm, Horizontal : 16 dots/mm
Electrical	Internal noise : 20 V(p-p)max Internal circuit: Floating input Isolated and defibrillation protected Input impedance : $\geq 10\text{MW}$ Input voltage range : $\geq \pm 5\text{ mV}$ Common Mode Rejection : $\geq + 100\text{ dB}$ DC offset voltage range : $\geq \pm 300\text{ mV}$ Time constant : 3.2sec Patient leakage current : $< 10\text{ mA}$ Frequency response 0.05~150Hz
Signal quality control	Disconnected lead detection
Power	Power supply : AC or built-in Battery (option) Power requirement : 100 - 240 Vac, 50/60Hz, 1.0 - 0.5 A Power consumption : 60W max
Battery	1 hour of normal use (approximately 100 automatic ECG printouts)
Communication	PC connection with RS-232 interface and LAN
Safety	Class I, Type BF
Conformity	CE, CSA, FDA, KFDA, SFDA, CCC
Environment	Operating humidity : 30 ~ 85 % Operating Temperature : 10 ~ 40 C Atmospheric pressure : 70 ~ 106 KPa
Standard accessory	Power cord 1EA, Patient cable 1EA, Limb 1 set (4 EA), Chest ball 1 set (6EA), Chart paper 1 EA, Operation manual 1EA
Options	Rechargeable battery, Cart, Hanger, Bag, PC S/W

* Specifications can be changed without prior notification

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