

Saiko

ECG

ECG 101&101G





FEATURES OF ECG 101 & 101G

High Resolution Thermal Printing array system

High frequency response reach to 150 Hz.

Capable of printing continuous 1 channel trace and annotations including lead mark and such parameters as sensivity, paper speed, and filter operation status.

High Resolution Digital Filter inhibits baseline drift without distorting ECG waveform.

One-Touch Operation able to enhance efficiency and relieve operating strain

Concept of floating input circuit meets IEC safety standard.

Visual Status due to light indicated touch-keys.

Rechargeable battery supporting more than 50 patient examinations.

Under the automatic mode pressing key MODE continuously can keep recording when abnormal lead is found.

SPECIFICATIONS

| | |
|--------------------------------|---------------------------------------------------------------------|
| Input Circuit | Protect the instrument from tilting and possible vibration or shock |
| Patients leads | Standard 12 leads manual/auto |
| Patient Current leakage | <10 μ A |
| Input Impedance | \geq 50 Ω |
| Calibrating Voltage | 1 mV +- 3% |
| A/D Exchange | 12 bit |
| Frequency Reponse | 0.05 Hz --150Hz |
| Time Constant | >3.2 secs |
| Common Mode Rejection Rate | > 80dB >100dB(rejection Controller) |
| Electromyoplasmmy interference | 35Hz(-3dB)/25Hz(-3dB) |
| Sensitivity setting | 1/2,1,2(cm/mV), exchange tolerance \leq 5% |
| Recording Mode | Thermal array printing system |
| Printing Speed | 5, 25, 50 mm/s +-3% |
| Width of ECG paper | 50mm, 20m high-speeding thermal printing paper |
| Input Circuit | \leq 50nA |
| Safety Standards tape | IEC I/CF with protecting circuit for vibration or shock |
| Power Supply | AC:220/110v, 50/60Hz DC: 12V rechargeable battery |
| Skin Voltage | + - 300mV |
| Baseline drift | < 0.3mm |
| Noisy level | < 15 μ Vp-p |
| Dimensions | (LxWxH) 31x23x7 cm |
| Dimension of package | (LxWxH) 40x28x16 cm |
| Net Weight | 2.75 Kg |
| Gross Weight | 4,5 Kg |