

E30

Digital portable Electrocardiograph



- ✦ 3 channels realtime print, paper width 80mm
- ✦ 12 leads ECG signals simultaneously acquisition

Specification:

Size : 315mm(L) X 215mm(W) X 75mm(H)
 Net Weight : 1.6Kg
 Display : 4.3" TFT LCD
 Resolution: :480*272
 AC power : 100V~220V; 50Hz/60 Hz
 DC power :11.1V, 2Ah rechargeable lithium battery

Safety:

Product safety type : Class I, Type CF,
 (There is defibrillation and pacing protection circuit.)

Isolation voltage : 4000V
 Enduring polarization voltage : $\geq \pm 500\text{mV}$

Environment Specification:

Operation
 Environment temperature: $+5^{\circ}\text{C} \sim +40^{\circ}\text{C}$
 Relative humidity :25% ~ 93%
 Atmospheric pressure: 860hPa ~1060hPa
 Store and Transportation
 Environment temperature: $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
 Relative humidity: 25% ~ 95%
 Atmospheric pressure: 500hPa ~ 1060hPa

Storage:

Internal Memory :100 groups ECG data
 External Memory : SD card or U disk
 Data format : PDF & XML

Technical:

Lead : Standard 12 leads
 Input way : Floating and defibrillation protection
 Patient leak current : $<10\mu\text{A}$
 Input impedance : $\geq 50\text{M}\Omega$
 Frequency response : 0.05Hz~150Hz (-3dB)
 Time constant : Time constant $>3.2\text{s}$
 CMRR : $\geq 110\text{dB}$ (with AC filter)
 Noise level : $\leq 15\mu\text{Vp-p}$

Heart Rate:

HR measurement range: 30~350bpm
 Accuracy : $\pm 1\text{bpm}$ (average time: 10s)

Record:

Recording way : Thermal printing system
 Recording paper : 80mm (Wide)
 Paper type : Roll
 Resolution : Vertical 8dot/mm
 Horizontal 40dot/mm
 Paper speed : 5,6.25,10,12.5,25,50mm/s,
 Error : $\pm 3\%$
 Accuracy : $\pm 5\%$ (X axis)
 $\pm 5\%$ (Y axis)
 Record format : Manual, Auto4x3, Auto3x4+1,
 Auto3x4, Auto2x6+1, Auto2x6,
 Auto3-2+1, Auto3-2, Rhythm

