صاایران

هر روز بهتر از دیروز

Holter Monitoring System

Cardiopack H220





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Medical Equipments

Technical Specifications

General

Parameters	ECG Graph, Electrode Fail Mark, Battery Condition, Event Record, Heart Rate
Dimensions	90 x 57 x 23mm
Weight	120g (Including Battery)
Display	LCD (128 x 64dot) with Backlight
Display Time Base	25 mm/s ±5%
Display Gain	Auto Gain
Battery Supply	1×AA Size (1.2-1.5 V)
Operating Time with Battery	48 Hours on Continuous Mode
Low Battery Signal	Yes
Waterproof	IPX1
Operating Temperature	10 to 40 °C
Storage Temperature	-20 to 60 °C
Operating Humidity	25 to 95%
Storage Humidity	10 to 95%

ECG – HR

ECG Amplifiers	Three Balanced Amplifiers, 5 Electrodes I, II, V
Available Leads	30-300 bpm
Measuring Range	60-120 ms, 0.25-5 mv
QRS Detection Accuracy	2 bpm or 2% max
CMRR	90db at 50 HZ or 60 HZ
Skin Voltage Tolerance	± 300 mv
Recording Sensitivity	5, 10, 20 mm/mv
A/D Conversion	24 bit
Sampling Rate	250 HZ, 4ms
Time Constant	>3.2s
Leakage Current	<10 uA
Pace Detect & RejectInput	Amplitude ±2 to ±700 mv , Width : 0.1-2 ms
Impedance	200 MΩ
Frequency Response	0.05 – 40HZ

Storage

Recording Period	48 Hours ECG Signal
Memory Type	MicroSD (up to 16 GB)

Viewer and Analyzer

Efficient Software with Symptoms Suggesting Arrhythmia
Useful Tabs: Beats, Arrhythmia/Event, Signals, Statistics and Report for ECG Visualizing, Analyzing, Editing & Printing
Adjustable parameters for Analysis
Displaying I, II, III, V, aVL, aVR, aVF leads
Displaying Trends Like: HR_Variability, RR_Interval, QT_Interval, PR_Interval, PP_Interval, QTC_Interval, QRS_Interval, and ST_Segment, P_Amplitude, Q_Amplitude, R_Amplitude, T_Amplitude, J_Point, T_Width, P_Width
Reviewing Signals and also Event Button Records
Signals Quick Search
Replay Patient's ECG Signals
Printing Selected Part of the Signal
Signal Noise Removal
Providing and Printing Reports of: Repeat First Page, Hourly Analysis, Events, Selected Strips, Full ECG Disclosure, ST Interval, QT Interval, HR Variabilities & Other Variabilities
Reporting Time Domain Heart Rate Variability