صاایران

هر روز بهتر از دیروز

Holter Monitoring System

Cardiopack H330





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Medical Equipments

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Technical Specifications

General	
Parameters	ECG Graph, Electrode Fail Mark, Battery Condition, Event Record, Heart Rate, NIPB Measurement and Record
Dimensions	105 x 68 x 38 mm
Weight	215g (Including Battery)
Display	OLED (128 × 64dot) Brightness Control
Display Time Base	25mm/s ±5%
Display Gain	Auto Gain
Battery Supply	Rechargeable 1000 mAh Li-Po Battery
Operating Time with Battery	1 Hour
Low Battery Signal	Yes
Waterproof	PX1
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
Available Leads	I, II, V
Measuring Range	30 to 300 bpm
QRS DetectionAccuracy	60-120 ms, 0.25-5 mV
Accuracy	2bpm or 2%max.
CMRR	90db at 50 Hz or 60Hz
Skin Voltage Tolerance	± 300 mv
Recording Sensitivity	5, 10, 20 mm/mV
A/D Conversion	24bit
Sampling Rate	250Hz, 4ms
Time Constant	>3.2s
Leakage Current	<10 uA
Pace Detect & RejectInput	Amplitude: ±2 ~ ±700 mV Width: 0.1-2 ms
Impedance	200 MΩ
Frequency Response	0.05-40Hz (-3dB)

NIBP	
Displayed Parameters	Systolic, Mean and Diastolic Pressure HR on Measuring Time
Measuring Range	PR: 30-240 bpm Systolic: 60-200 mmHg (Adult) Diastolic: 30-150 mmHg (Adult) Mean: 35-180 mmHg (Adult)
Accuracy	±3 mmHg or ± 2% (Whichever is Greater) Full Range

Storage	
Operation Modes	ECG only, NIBP only, ECG & NIBP
Recording Period	ECG Mode: 4 days NIBP Mode: 250 NIBP Result ECG & NIBP Mode: 40 Hours ECG + 50 NIBP Result
Memory Type	Micro SD

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
Reporting List of Blood Pressures
Providing Histogram for Systole/Diastole Values