



Holter Monitor KHM-A100

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Holter Monitor KHM-A100 is a 24-hour ambulatory ECG recorder designed to record real-time ECG. System is equipped with OLED screen for waveform preview, record review and event marking. Integrated frequency filters allow anti-jamming and aseismic capability for error free waveforms. Data storage up to 2GB using TF card enables original data to be stored without compression. System performs 12-lead synchro-analysis for distortion-free QRS detection.

Features:

- 12-lead synchronous acquisition
- Fast review analysis
- Accurate and Quick report generation
- More than 10 pre-defined modules and user-defined impulse tracking for premature conduction impulses
- ECG-analysis function
- Predictive arrhythmia analysis module
- Predictive pacing analysis module
- Flexible channel selection

Applications:

Used in cardiology center to diagnose and detect symptoms of various heart disease and arrhythmias, determine a patient's response to drug therapy, function of pacemaker and reveal trends or changes in heart function during normal routine activities.

Specifications :

Arrhythmia Analysis	MCSSTM and TMCATM
Batteries	2 AA batteries
Channel Display	12 Channel
CMRR	? 60 dB
Dimension	111 x 60 x 25 mm
Display	OLED 160 x 128 dot matrix display
ECG-Analysis	ST segment analysis , HRT analysis, T-Wave alternation, QTD (QT dispersion) VCG (vector cardiogram), VLP (ventricular late potential) and TVCG (time vector cardiogram) analysis
Heart-rate Analysis	Short range : 5 minutes Long range : 1 hour Continuous : 24 hours
Interface	USB 2.0
Noise	? 30 μ V
Pacing Analysis	Dual chamber pacing, Atrial pacing, Ventricular pacing module Ventricular Pseudofusion and Ventricular asynchronous module
Polarization voltage	$\pm$ 300 mV (DC)
Sampling	Sampling Accuracy : 12 Bit Rate of Sampling : 10 kHz
Scale Voltage	1mV $\pm$ 5%
Scan Speed	25 mm/s $\pm$ 5%
Sensitivity Shift	? $\pm$ 10%
Standard Sensitivity	10 mm/mV $\pm$ 5%
Storage	Built-in TF card storage for up to 2 GB
Time Constant	? 3.2 s
Weight	105 g



