



Wellness for Life

for You, your family, your future

MSI MyECG E3-80 is a card-size, tiny-weight, digital Holter monitor that user can wear it seamless while recording ECG signal, with its accessories, the belt and pouch.

MyECG E3-80, with 4 electrodes, provides 3 channels ECG signal measurement and recording that could be rendered into 6 leads waveform while working on its companion software

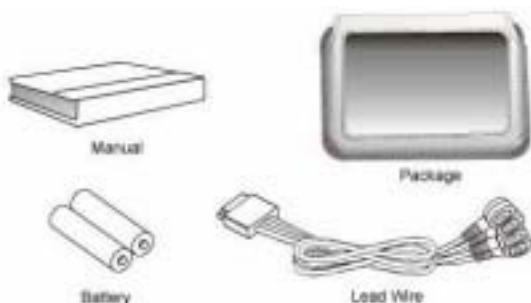
MyECG E3-80 can record ECG signal up to 24 hours, with a right SD card and two disposable AAA batteries. Recording period could be selected by setting according to professionals' instructions.

MyECG E3-80, an IT-enabling Holter device, provides on-device ECG display, ECG arrhythmia detection, HRV calculation, and its diagram/information rendering.

MyECG E3-80, with swappable storage device, the SD card, that user can have ones private card for recording ones personnel ECG data. ECG data can upload or link to back-end workstation easily by SD card reader.

MyECG E3-80 provides selectable sampling rate and high resolution A/D conversion rate for various clinical usages.

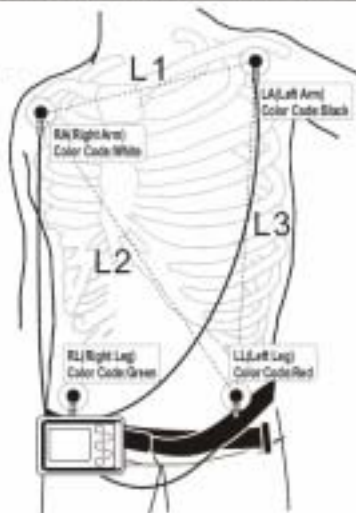
Professionals just need to set the right parameters on device easily for specific purposes.



Specification		
Physical	Dimensions	94 mm x 60 mm x 15 mm
	Weight	65 g (without batteries, SD card, and lead-wire)
	Display	LCD, 160x128 pixels with backlight
Electrical	Input Impedance	> 10 M ohm
	DC Offset Correction	±300 mV
	CMRR	> 60 dB
	Input Dynamic Range	±5 mV
	Power Noise Rejection	60Hz/50Hz
Functional	Channels	3, fixed for Lead I, II, III
	Resolution	12 bit
	Sampling Rate	250 Hz/ 500 Hz/ 1000 Hz
	Real-time Heart Rate	30~250 bpm
	Recording Time	5 minutes to 24 hours, adjustable
	Event Mark	Yes
	Arrhythmia Detection	Yes, APC, VPC, on-device
	HRV Index	Yes, Time Domain and Frequency Domain, on-device
	Storage	SD Card, removable
Power	Battery	AAA alkaline battery x 2
Accessories	Belt x1 and Pouch x1	

PLACE ELECTRODES ON THE PATIENT

For the device tests you should use four leads. These are the marked RA, RL, LA, LL. Before placing electrodes on a patient's body clean the patient's skin.



PREVIEW

Select REC in the Main Menu to the PREVIEW mode. Select L1, L2, L3 and check ECG (Electrocardiography) is working normally

START RECORDING

Press the OK button in the PREVIEW mode to start recording. System will lock keys automatically, press any key during recording, the screen will appear a message "key locked!". Meanwhile, the green LED will flash once every three seconds. When system finishes recording, it will return to Main Menu and power off automatically.

