

Digital Holter ECG Recorder

DigitalWalk

FM-180



Durability in extreme environments

Water Proof Design

The FM-180 24 hour Holter recorder sets a new standard for durability and performance in extreme environments, while providing new information about a patient's anatomical positions during testing. The FM-180 was designed for use in aquatic environments making it suitable for exercise physiology labs, sports medicine and health clubs.

The waterproof design allows patients to maintain normal life-style by not interfering with routine bathing or showering.

For Exercise and Sports

Sports Medicine and training programs will benefit from the sophisticated design of the FM-180, which has been designed to the rigorous standards of the JIS protection class 8. (IPX8)

Smart Tri-axial Sensors

The FM-180 uses smart Tri-axial sensors that simultaneously record and report a patient's body position in relation to recorded ECG.

This innovative technology helps physicians determine if changes in wave-forms are caused by body position or underlying physiology.

Easy to Use Flexible Display

The FM-180 eliminates complicated programming by featuring a simple selector button that allows users to choose the information they want displayed.

A simple click of the button allows the user to display either 2 or 3 channels of ECG or select Heart Rate.

FM-180 Specifications

Recorder	
Dimension	(W)65 X (H)62 X (D)18mm
Weight	78g (include Battery and MMC Card)
Power	AAA Alkaline (LR-03) X 1
Media	Multi Media Card 64MB
Switch	Event and On ☉ / Enter

Multi Media Card	
Memory	64MB
Interface	MMC Standard
Dimension	(W)24 X (H)1.4 X (D)32mm
Weight	1.5g

ECG	
Channels	Unipolar / Bipolar 2ch, Unipolar/Bipolar 3ch
Recording	24 hours
FrequencyResponse	0.05 ~ 40HZ (HPF 0.67Hz)
Sampling Frequency	125Hz
Pacemaker Detection	Any single channel 4 grades by switching

Position Sensing	
Vertical acceleration detection	
Tri-axial body position detection	

SCM-510 Holter Software

The WINDOWS™ based software performs multiple tasks including sophisticated compilation of data for detailed reports.

SCM-510 Operating Environment

Personal Computer	
OS	Windows XP Professional (English version)
CPU	Pentium III 1 GHz or higher
RAM	512MB or more
Hard disk free space	20GB or more (including the program)
Display graphic mode	1280 x 1024
Display font size	Normal size
CD-ROM drive	12 x or higher
Card reader	
Card type	Multimedia card
Printer	
Type	Laser printer
Resolution	600dpi or more
RAM	64MB or more
Paper size	A4 or Letter

Software Specifications		
Analysis	Number of analysis channels	3 channel
	Arrhythmia types	10 types
	Morphology types	8 types x 64 patterns
	Program types	3 types
Measurement	Analysis Time	approximately 2 min/patient
	Arrhythmia measurement	
	ST measurement	
	HRV measurement	Manual mode, Auto mode
	Lorenz plot	
Search	Pacemaker measurement	
	Event search	
	ST event search	
	Trend search	
	RR search	
Printing	Registered wave search	
	Report types	20 types (Standard ECG reports) 10 types (HRV measurement) 6 types (Lorenz plot)
	Program types	3 types
Multitasking	Morphology	
	Search	
	Measurement	