

**Specification of JAXA Holter ECG
(FM-180 and MMC)**

1. Specifications of FM-180

Overall

· CPU	: 16 bit single chip
· SRAM	: 512 K Bytes
· LCD Resolution	: 112 dot × 72 dot (graphics)
· Recording time	: Continuous 24 hours
· Internal Clock	: RTC
· Backup battery	: Lithium battery Service life six (6) years or more
· Patient EVENT recording	: EVENT switch Records up to twelve (12) times / min
· Recording media	: Multimedia card (MMC-64)
· ECG signal recording unit	
Number of recording channels	: bi-polar 2/3 channels, unipolar 2/3 channel
Input impedance	: 10 M Ω or more
CMRR	: 60 dB or more
Gain ratio	: 300x (A/D input) : 300x (Monitor output)
Frequency response	: 0.05/0.67~40Hz
Monitor output	: 300 mV/1mV
Quantifying bit number	: 10 bits
Sampling frequency	: 125 Hz
Dynamic range	: ± 5.00 mV
Minimum resolution	: $\pm 9.76 \mu$ V
· Pacemaker pulse detection	
Detection channel	: given 1 channel
· Acceleration sensor	: 3 axial directions (static position information detection)
· Switches	: 2 units (EVENT, ON \odot ENTER)
· Buzzer	: 1 unit (separate excitation)
· Power supply	: one AAA battery
· Dimensions (W×H×D mm)	: 65×62×18
· Weight (g)	: 78g (incl. battery and multimedia card)

