



Cardy Holter Analysis System

Specifications

Cardy Holter Analysis System

Holter ECG recorder	Cardy 301/301L	Cardy 302 Max
Recording channel	2 or 3 channel, Pacemaker 1 channel	
Recording period	24 hours / 48 hours	48 hours
Body movement sensor	Uni-axial accelerometer	Tri-axial accelerometer
Sampling rate	8 msec (125 Hz)	8 msec (125 Hz) or 4 msec (250 Hz)
AD converter	10 bits	10 bits or 11 bits
Input level	16 m Vp.p	
Frequency response	Conform to IEC60601-2-47 : 2001	
Input impedance	Over 10 MΩ	
Safety	Type B	
Dimension	W85 x D54 x H15 mm	W58 x D67 x H20 mm
Weight	72 g including batteries	67 g including battery & SD card
Power	2 x 1.5V AAA alkaline	1 x 1.5V AAA alkaline
Operating environment	Temperature: 10 - 45 °C, Humidity: 10 - 95 % Rh non condensing	
Storage environment	Temperature: -20 - 60 °C, Humidity: 30 - 95 % Rh non condensing	
Waterproof Standard*	Not applicable	IPX5: shower IPX8: within 15 min., 40 °C & 1 meter depth or less *Cardy 302 requires water proof patient cable and a periodical inspection for water proof feature. Please ask local Kenz distributor for maintenance service.
Standard accessories	Operation manual, patient cable 2ch or 3ch, 2 x AAA battery, carrying case, shoulder-west belt	Operating manual, patient cable, 1 x AAA battery, carrying case Shoulder-waist belt, Holter Card S
Option	Connecting cable for disposable patient cable	Connection Cable for regular patient cable, Disposable patient cable Cardyrode W Disposable patient cable Cardyrode E, Adhesive pouch

Holter ECG Analyzer Program (Required Hardware Specifications)

	Cardy Analyzer 03	Cardy Analyzer 05
Operation System	Windows XP, VISTA (32 bit), No guaranty on the upgraded version of XP and VISTA	
CPU	800 MHz or higher clock speed recommended	2 GHz or higher clock speed recommended
Memory	128 MB (256 MB recommended)	1 GB or higher
Hard disk	Free capacity of 30 GB or higher, 200 MB needed for software installation	
Disk installation	CD-ROM/DVD-RAM drive required for installation	
Display graphic mode	SXGA 1280 x 1024 dots or higher	
Interface	USB Revision 1.0 conformity required for USB transfer unit USB Transfer unit must be connected directly with USB port. Serial port required to connect with BPM AM300 for Analyzer 03	
Card reader	Compact flash/Secured digital card	
Data back-up size	Compressed ECG data 24 hrs: 20 MB, 48 hrs: 40 MB	
Printer and paper size	Laser printer with 300DPI or higher, A4 or Letter size paper printer with Ethernet port is recommended.	

Cardy Controller 02

Data reader/writer	Holter card, Holter card S
Display	3.8" 320 x 240 dots
Dimension	W90 x D220 x H30 mm
Weight	355 g including batteries
Power	4 x 1.5V AAA alkaline batteries
Operating temperature	10-35 °C
Humidity	30-80 % RH non condensing
Storage temperature	-20-60 °C
Humidity	30-90 % RH non condensing
Standard accessories	Operation manual 4 x 1.5V Alkaline batteries
Option	Holter card (compact flash card, 32 MB), Holter card S (secure digital card, 128 MB)

Ambulatory Blood Pressure Monitor AM300

Operating	Oscillometric method
Measurement range	Pressure: 0-320 mmHg Systolic: 60-280 mmHg Diastolic: 40-160 mmHg Pulse: 30-200 bpm
Measurement time and memory	Approx. 200 times, 300 data
Data output	RS-232C
Power	3 x AA alkaline or Ni-cd batteries
Dimension	W72 x D27 x H100 mm
Weight	225 g with batteries
Operating environment	10-40 °C, less than 85% RH (non condensed)
Storage environment	-20-50, less than 95% RH (non condensed)
Standard accessories	Operation manual, 10 x activity memo card, belt pouch 2 x Adult left cuff cover, 3 x AA Alkaline batteries
Option	Printer terminal AM300P, BP Analysis Software AM300S Serial/USB cable, belt pouch for Cardy and AM300