

Electrocardiograph

CardiPia 400

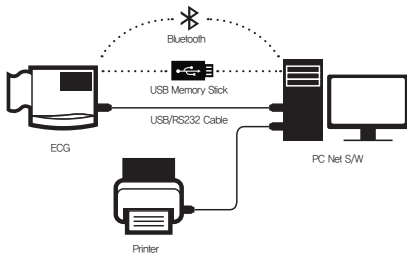
- 12/6/3-ch recording
- 110 mm roll paper / Z-folder (option)
- 12/6/4/3/1-ch display
- 7" color LCD with touch screen
- Full disclosure record : max 10 min.
- Various HIS data format : HL7, XML, SCP, PDF
- Data memory : Internal SD card / external USB memory
- Data transfer port : USB(RS232), Ethernet LAN, Bluetooth
- External device I/F : External printer/ Barcode and Card reader
- Stress ECG I/F
- Easy remote S/W update by USB
- Folding LCD for view angle



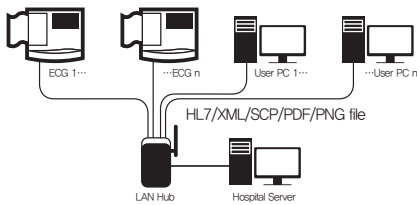
Laser Printer LAN/USB/RS232 SD Card Touch screen

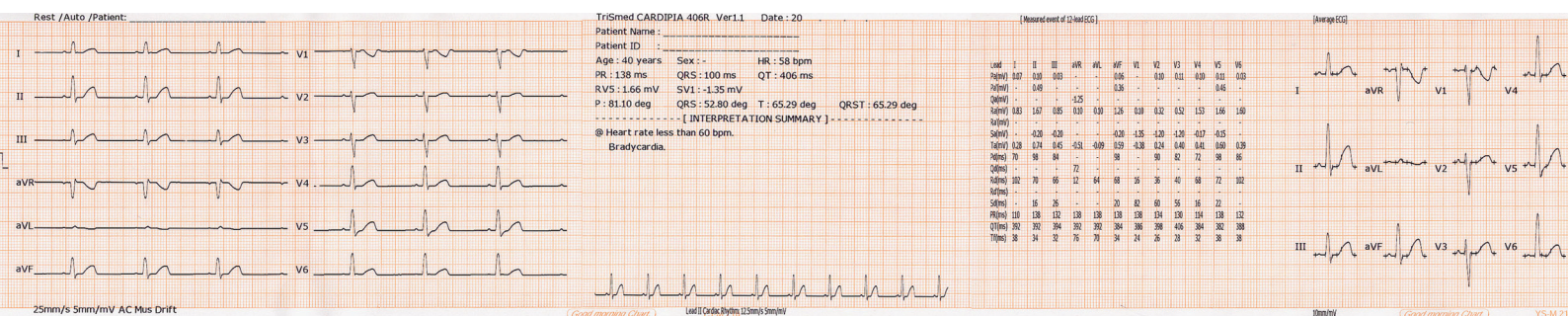
Model	CARDIPIA400		
Type	406NH	406RH	406RSH
Interpretation	X	O	O
Stress ECG I/F	X	X	O

· PC NET SYSTEM



· HIS Net Work





Technical Specifications (CARDIPIA400)

Recording ECG Leads	12 standard leads: I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6	
Lead Group	Standard / Cabrera / User defined combination	
Recording Mode	Auto / Manual / Copy / Elapsed / Rhythm / Calibration	
Recording Channel	12 / 6+1 / 3+1 ch	
Displaying Channel	1-ch (lead III) / 2-ch(Lead II,V5) / 3-ch (Lead I, II, V5) rhythm record	
Sensitivity (mm/mV)	2.5, 5, 10, 20, [40, Auto (option)]	
Type	406NH	Non-interpretive
	406RH	406NH + Interpretive
	406RSH	406RH + Stress ECG interface
Recording Speed (mm/sec)	Auto	5,10, 12.5, 25, 50, [100 (option)]
	Manual	25, 50
Recording System	High resolution(Vertical/ Horizontal203/508dpi) thermal head printer with 8 dots/mm	
Recording paper	110 mm x 30 m thermal sensitive roll type 110 mm x 60 m thermal sensitive z-folder type(option)	
Recording length(auto)	User selected length [5 ~ 25 sec]	
ECG Data acquisition	Simultaneous 12-lead ECG	
Elapsed Rhythm Record	Latest 5 ~ 10 sec signal record	
Full Disclosure Report	User selected a lead signal and record compact rhythm for 1 min.	
Patient Data Input	Alphanumeric key with touch screen key pad	
Language	English, Spanish, Russian, Turkish	
Frequency Response	Unfiltered 0.05 ~ 200 Hz [-3dB]	
Digital filter	Baseline drift (0.05 / 0.5Hz) Muscle (25 / 35Hz) and AC (50 / 60 Hz) High frequency noise filter (75 / 100 / 150 / 200 Hz)	
Calibration Test (1 mV)	Frequency response and sensitivity test using internal 1 mV signal	
Auto Power Switch off	After 5, 10, 15 minutes inactive operation	
Power Requirements	AC	AC 100~240V±10 %, ~50 / 60 Hz(Fully charged 2hrs record)
	DC	Built-in rechargeable battery (NiMH, +19.2V, 2200mAh)
A/D Conversion	12 bits	
Sampling Rate	500 Hz(Input Unit : 8,000 Samples/s)	
Input Impedance	Greater than 100 MΩ	
CMRR	Greater than 100dB	
Detection Parameter	Pace maker detection (Option) / Variable R-R detection / Real timeheart rate	
Alarm	Paper empty / Lead-off / Low battery level	
Performance	AAMI requirements	
Safety	Class I (Degree of protection against electric shock: Defibrillation-proof type CF applied parts) IEC60601-1 / IEC60601-2-25	
Patient Leakage Current	Less than 10 μA	
Digital Interface Port	2 USB-RS232, Ethernet LAN, Wireless-Bluetooth(option)	
PC Connection	PC Data Management with TRISMED PC Net S/W (option) Stress ECG interface with TRISMED Stress ECG S/W (option)	
External printer	USB connection (Inkjet / Laser printer)	
Memory	Internal SD card to save up to 2500 patients data (10 sec data) External USB memory stick	
Display LCD	7" Color, 800x480dots, Viewing area:152.40mm x91.44 mm	
Key Operation	Alphanumeric Membrane Hard Key and Touch Screen	
Dimension	313 x 252 x 85 mm	
Weight	2.5 Kg Without Battery	
Temperature	Operating (10 ~ 40 °C) Storage (-20 ~ 60 °C)	
Relative humidity	Operating (10 ~ 80 %) Storage (10 ~ 90 %)	
Atmosphere pressure	50~ 106 kPa	

※ Contents and specification subjects change without notice



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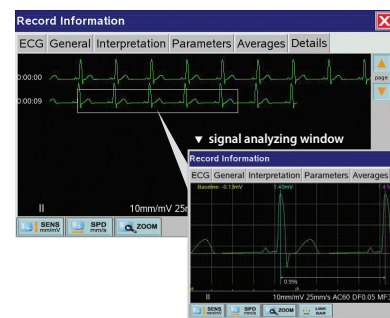
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• ECG signal analysis



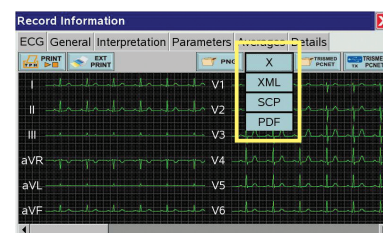
• Easy to roll paper/ Jamming free



• External device interface



• HIS interface



• Stress ECG interface

