

SPECIFICATIONS

ECG leads	12 channel simultaneous ECG acquisition
Dimensions	300 (W) x 299 (H) x 123 (D) mm, Approx. 4 kg
Record	12ch. Auto, Rhythm, Disclosure(30min), Arrhythmia Detect, HRV
Recording channel	3CH+1RHV, 3CH+3RHY, 6CH+1RHV, 12CH, 1CH long time (1 min, 3 min, 5 min, 10 min) and special reports (text, guide, vector)
Sensitivity	2.5, 5, 10, 20, auto (I~aVF: 10, V1~V6: 5)mm/mV
Printing speed	5, 12.5, 25, 50, 100 mm/s
Sampling rate	Analysis Sampling Rate - 500 Digital Sampling Rate - 8,000
Filters	AC (50/60 Hz, -20dB or better), Muscle (25~35 Hz, -3 dB or better), Base line drift (0.05, 0.1, 0.2 Hz, -3 dB or better), Low pass filter (off, 40 Hz, 100 Hz, 150 Hz)
Display	10.1" color TFT wide display (1024 x 600)
Monitor Display	HR, ID, Name, Record time, Lead fault, AC or battery state, Network state, Date/time, Sensitivity, Speed
User Interface	Touch screen(Alphanumeric and symbol available), Hot key, Barcode Reader
Patient data	ID, Name, Birthday, Age, Gender, Height, Weight, Race, Smoke, Department, Room no., Study desc., Accession No., Referring Physician
Basic Measurement	Heart rate(30~300bpm ±2), PR int., RR int., QRS dur., QT/QTc int., P-R-T axis, SV1/RV5/R+5 amp.
Printer	Z-folder Thermal printer Report paper - A4 : 210mm(8.3") x 290mm(11.4") - Letter : 215mm(8.5") x 280mm(11") Resolution - Vertical : 8dot/mm - Horizontal : 16dot/mm (0.125mm pitch)
Electrical	Internal noise: 20 uV(p-p)max / Input impedance: More than 50 MΩ Input voltage range: ± 5 mV / CMRR: Greater than 105 dB DC offset voltage: ≥ ± 400 mV Patient leakage current: < 10 uA / Frequency response: 0.05 ~ 150 within -3 dB Isolated, defibrillation and ESU protected
Signal Quality Control	Pacemaker pulse detection Lead fault detection, Signal Saturation detection
ECG data storage	Internal storage for 500 ECGs and external USB flash drive
Power	Input : 100 ~ 240 VAC, 50/60Hz, 1.5~0.75A, 65W max Output : 15 VDC, 4.2A max
External link	LAN, USB 3 Port, WIFI(option)
File format	PDF, JPG, BMP, XML, MFER, DICOM
Battery	600 minutes of continuous operation without printing or 350 ECGs in 12 channel format at 25mm/s and 10mm/mV with a battery charged during approximately 3 hours from total discharge.
Communication	LAN, WIFI(option), USB flash memory, USB barcode scanner
Environment	Operating humidity: 30~85% / Operating temperature: 10~40℃
Standard accessory	Power cord (1 EA), Patient cable (1 EA), Limb 1 Set (4 EA), Chest ball 1 Set (6 EA) ECG gel (1 EA), ECG paper (1 EA), Operation manual (1 EA), Dignosis guide (1 EA)
Options	Rechargeable battery(1 EA), Cart(1 EA), Hanger(1 EA), Spirometer Handle(TBD)

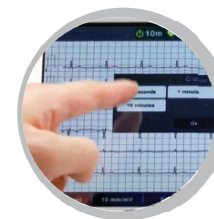
* Specifications can be changed without prior notification.



Cardio10

12CH Resting ECG

Accuracy carries user-friendly usability
with streamlining workflow



Bionet Factory and Headquarters : Bionet Co., Ltd.
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WTEC
EQUIPAMENTOS INDUSTRIAIS, LABORATORIAIS E HOSPITALARES, LDA



202009-Bionet(Cardio10)

Cardio10 | Simplifying workflow with intuitive usability |

• Touch screen operation
Full alphanumeric keyboard support

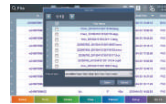
• Convenient USB function
Memory storage, barcode scanner, WIFI converter, external keyboard



• Spirometer (Optional)



• Enhanced data storage (500 cases)



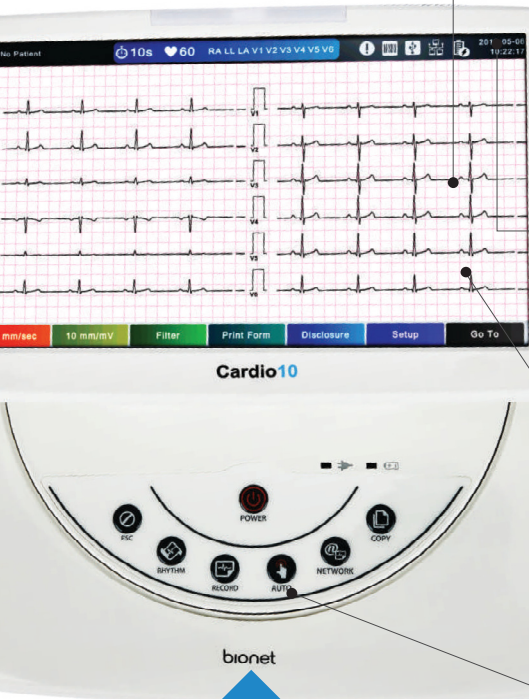
• Various file format conversion



• Auto key function
One touch operation for analyzing, storing and printing result in 3 sec'

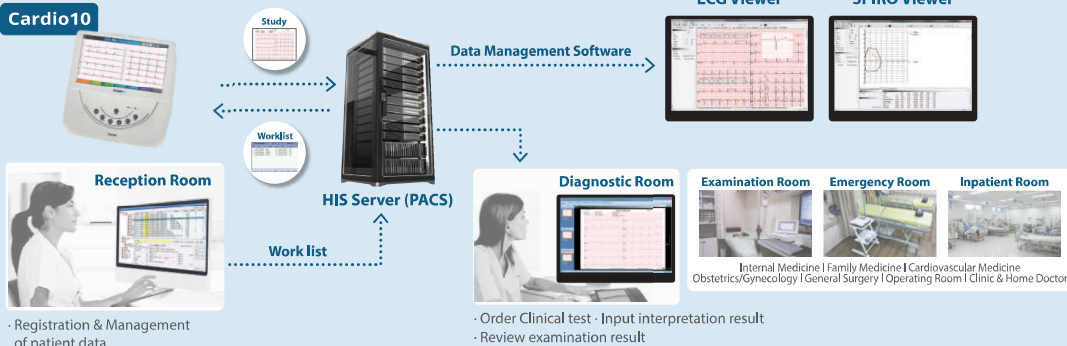


AUTO

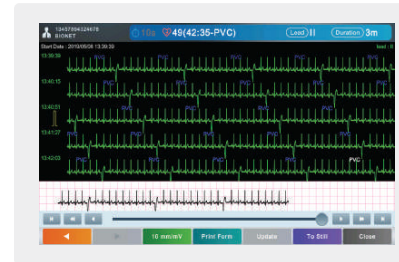


Z-folder printing with anti-jamming system

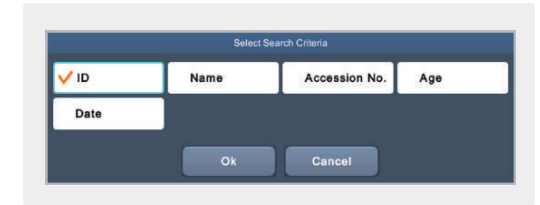
• Direct and bidirectional connectivity with PACS via DICOM 3.0 standard



➤ Full disclosure up to 30min'



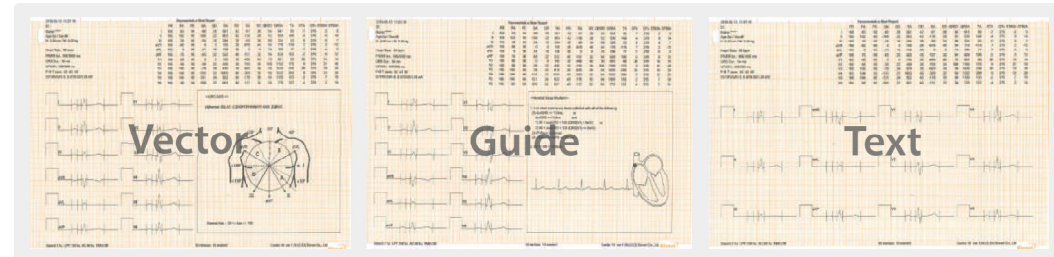
➤ Easy patient file search by ID, Names, Age, Date, etc. for streamlining workflow



➤ Long term recording up to 10min' for Auto diagnosis & interpretation



➤ Various diagnosis report format



➤ Bionet engineered Z-folder print-out with anti-jamming system

