

ECG - 3120

ECG Machine



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Excellent Performance:

- Digital Sampling Rate: 32000Hz
- A/D Conversion: 24 bits
- 1s baseline stability
- Frequency Response: 0.01-350Hz
- Support sending ECG report by Email
- Support double-pole pacemaker detection
- Glasgow ECG analysis algorithm
- ST segment elevation myocardial infarction diagnosis ability is in the industry leading position
- Original iFilter adaptive filtering technology has greatly improved the
- ECG signal quality



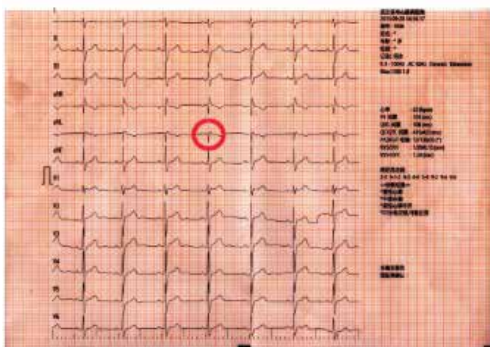
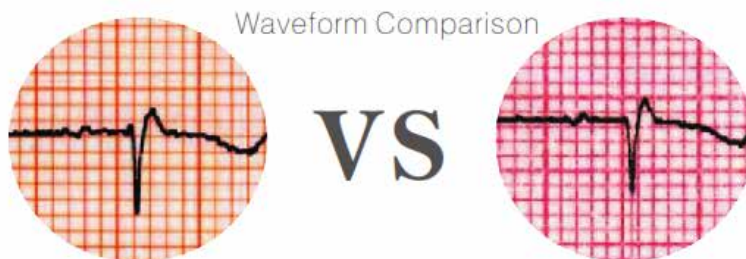
►► Recording weak signal accurately :



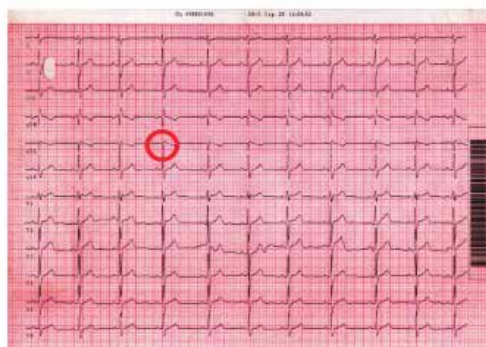
Single-Chamber Pacing



Dual-Chamber Pacing



IMAC ECG Machine



Other Brand ECG Machine

►► Innovative Ergonomic Design:

10.4 inch super sensitive and capacitive touch screen design

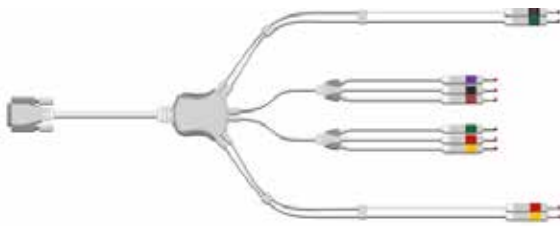
Virtual and physical button input

Innovative handle design, support screen angle

Standard configured the multi-axisTP innovative thermal printer can accurately trace each ECG waveform



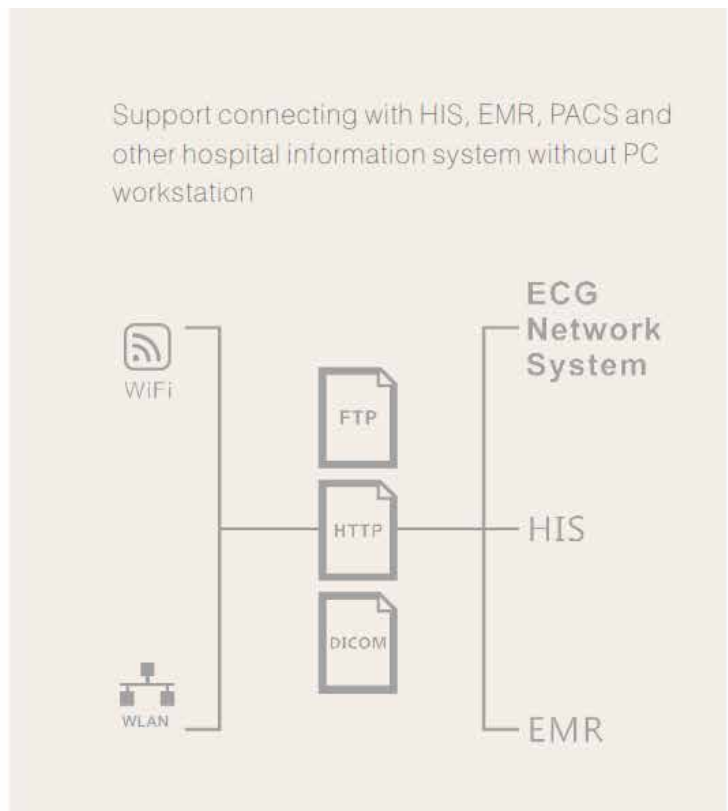
Drawer type thermal paper recording device



Three-pronged ECG Leads,
Effectively reduce winding



Trolley



►► Overview :

- Compact, Light Weight & Portable
- Simultaneously 12 leads Acquisition
- Built-in protection against defibrillator
- 10" HD LED Touch Screen with standard grid background
- Sampling Modes: Real-time/Pre-sampling/Trigger sampling/ Period sampling
- Manual/Auto/Rhythm Modes
- Rhythm Lead – Selectable (Any)
- 3x4,3x4+1R,3x4+3R,6x2,6x2+1R, 12x1 display
- Patient Type : Adult & Child
- Lead Diagram Display
- Electrode Disconnection Alarm (Diagram)
- Automatic measurement & analysis
- Support PACE detection
- Max 60s waveform freezing and review function
- PNG/DCM/XML/ZQECG/HL7/PDF formats report storage
- Lead Annotation
- Support Wifi and cable connecting to the third-party ECG network system, LAN, WLAN, HIS and EMR system without ECG workstation
- Auto Shut Down Function

►► Technique Specification:

Sampling rate:	32000Hz (pcs)	Sensitivity:	2.5, 5, 10, 20, 40 auto mm/mV
Frequency Response:	0.01 ~ 350Hz	Paper Speed:	5, 6.25, 12.5, 25, 50mm/s
Time Constant:	≥ 3.2s	Recording Mode:	Thermal array printer
Heart Rate Range	20-250		8 dot/ mm (Vertical) 40 dot/ mm
CMRR	≥ 130dB		(Horizontal, 25mm/s)
Patient Leakage Current:	<10μA	Paper Type:	Z-Fold A4 Size Paper
Input Circuit:	< 50μA	Paper Size:	210/216mm×140mm--20m
Noise Level:	≤ 10μVp~p	Filter Setting:	
Sensitivity valve:	20 μV	AC: off/50/60Hz;	
Polarization Voltage:	±610mV	EMG: off/25/35/45/75/100/150/250/350Hz;	
Calibration Voltage:	1mV	DFT: off/0.01/0.05/0.3/0.6Hz	
A/D shift:	24 bit		
Input Impedance:	≥ 50MΩ(10 Hz)		

►► Physical Specification

Dimension & weight: Equipment: 285mm*360mm*94mm;3.7kg

Package: 446mm*238mm*483mm; 6.2kg

Monitor: 10" Colour HD LED Full Touch Screen

Alphanumeric Keyboard

Electrical Power: AC: 100-240V, 50Hz/60Hz,75VA

DC: Built-in Lithium Battery

Battery Capacity:4400mAH

Continuous Operating: AC ≥ 8h &
DC ≥ 8h

Recharge time: The battery is charged to 90% for no more than 3 hours, 100 ECG Print on battery and charged to 100% for no more than 3.5 hours

Data Storage: Max. 1000 sets; support SD card, USB

Environmental Conditions:

Transportation Temperature: -20°C~+55°C

Relative Humidity:10%~95%

Atmospheric Pressure:50KPa~106KPa

Operation Temperature: 5°C~+50°C

Relative Humidity:15%~90%

Atmospheric Pressure:70KPa~106KPa

Stored Temperature:0°C~+55°C

Relative Humidity:15%~95%

Atmospheric Pressure:70KPa~106KPa

►► System Inputs & Outputs :

2*USB2.0/ SD Interface/ LAN

►► Standard Package :

iMAC 120 ECG Machine (with battery)

Patient Cable

Chest Electrodes Limb

Electrodes Thermal

Printing Paper Power

Cord

Grounding Wire

User Manual

►► Optional Accessories :

Series Electrodes

Thermal Printing Paper

SD Memory Card

Lithium Battery

Workstation Software

Trolley

Laser Printer

Scanner

Card Reader

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HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

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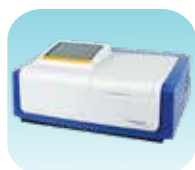
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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