BeatMonitor N12 Twelve Channel Electrocardiograph

Comprehensive upgradable ECG with touch screen

Technical Specifications

Safety standard:MDD93/42/EEC, IEC60601-1 Safety level: class I, Type CF

Display:7 inches 800×480 color LCD (touch screen)

Input circuit:Floating, protection against defibrillator and pacemaker detection

Lead:12 standard leads

Input impedance: ≥50MΩ(10Hz)

Input circuit current: ≤50nA

Patient current leakage: ≤10µA(a.c.)

Calibration voltage: 1mV±2%

Depolarization voltage: ±700mV

Sampling rate:8000Hz for pace-maker detection

A/D convertor:24 bits

Frequency response: 0.05Hz~165Hz

Time constant:≥3.2s

Noise level:≤15µVp-p

CMRR:≥120dB

Digital filters:HUM, EMG, ADS, Lowpass

Sensitivity:Auto, 2.5, 5, 10, 20,40 (mm/mV) ±5 %

Measurement:HR, PR/QT/QTC Interval, P/QRS/T Axis etc.

Patient data:Date, time, ID, name, gender, age, height, weight, blood pressure, etc.

System data:Sensitivity, paper speed, filter on/off, hospital name, etc.

Print-out:Waveform, waveform + measurement report, waveform + measurement report+analysis report, etc

Printing system:High speed, high sensitivity thermal matrix printing system

Paper speed:5/6.25/10/12.5/25/50mm/s （±3%）

Printing paper:210/216mm roll paper

Power supply:AC: 100V-240V （50/60Hz)

DC: 19V/3.5A

Battery: 14.4V/4400mAh, built-in rechargeable lithium battery, over 3 hours working time

Size & weight

Carton size: 415 x 195 x 380mm

Net weight: 3.5Kgs

Gross weight: 5.5Kgs

※ Specification subject to change without prior notice

BeatMonitor N12
Digital 12-channel Electrocardiograph

AJJ HEALTHCARE MANAGEMENT PTE LTD

Digital Electrocardiograph

Features

● 7" inch LCD display ,12-lead simultaneously acquisition

● 5000 ECG files can be saved ,more ECG files can be stored via USB port

● Freeze, Pre-10-second print and Trigger print function to observe any abnormal ECG waveforms

● Quick acquisition and stability, waveforms get stable within 3s

● HR detection alarm and pacemaker detection supported

● Cineloopfunctionsaved ECG waveform can be played back

● Auto-save function: users can choose whether to automatically save the files with the printout or not

● Support magnetic card reader, bar code scanner, transferring information conveniently

● Support external laser printer to achieve A4 size report output

● Data management software on PC(optional)

● Reliable automatic measurement & Interpretation tested with CSE&AHA database

CE 0123

BeatMonitor N12
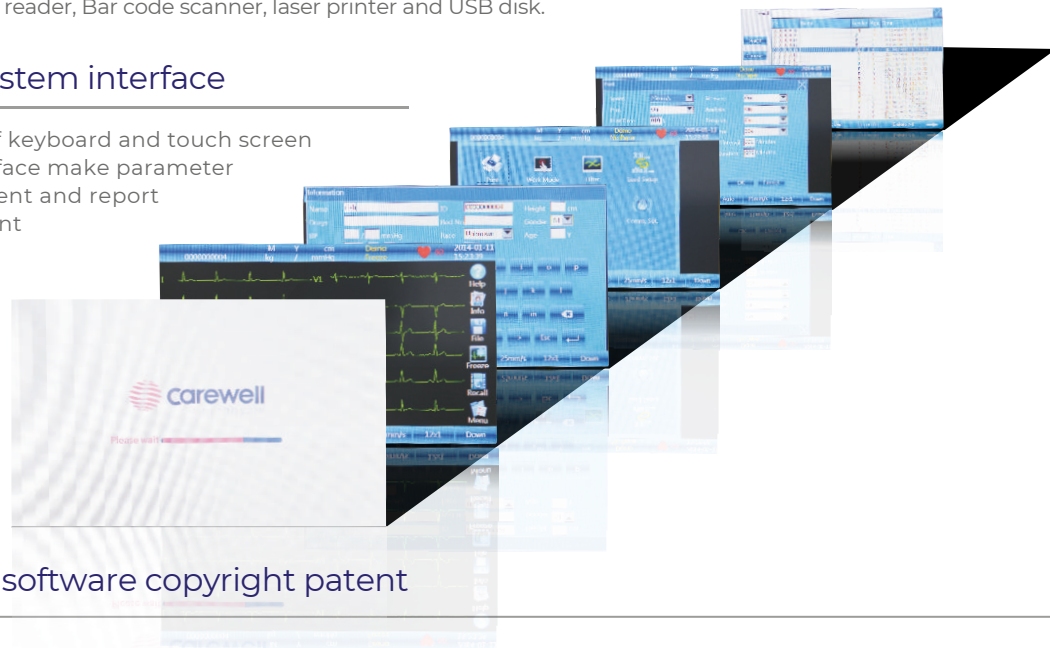
Digital 12-channel Electrocardiograph

● Outstanding Features

● Application of CSE & AHA database, reliable measurement and analysis results
● Multiple acquisition modes satisfy various clinical requirements;
● quick acquisition, waveforms get stable within 3s;
● full keyboard, touch-screen operation;
● any lead can be set as rhythm lead;
● 60s or 180s rhythm waveform can be acquisitioned for precise analysis;
● ST segment report and Minnesota code provide abundant reference information for accurate clinical diagnosis;
● Various print types: 12x1, 12x1+P, 6Tx2, 6x2+1rhy, 6x2+1rhy+P, 3x4+3rhy, 3x4+1rhy+P, Template+P;
● Support magnetic card reader, Bar code scanner, laser printer and USB disk.

● User-friendly system interface

Two operating modes of keyboard and touch screen with new software interface make parameter setting, case management and report printing more convenient

● Design patent, software copyright patent

ECG-1112M digital 12 channel electrocardiograph configurated with 7" TFT color LCD display, it provides sufficient information on the analysis of arrhythmia and cardiovascular disease, helps to know pathological disorder caused by drugs, electrolyte or unbalance PH value. It is outstanding by modern design, sophisticated software packages, fine workmanship and compact size.
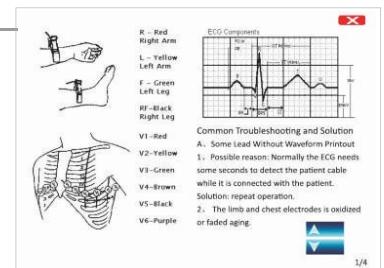
Portable and compact design

Soft, silicon-gel alphameric keyboard

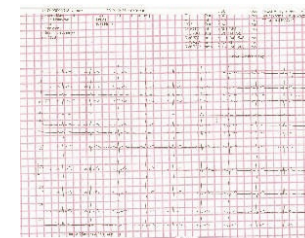Communication with PC LAN, RS232 module(option)

● Built-in Help function

General knowledge on ECG operation and trouble-shooting are built-in the ECG machine.
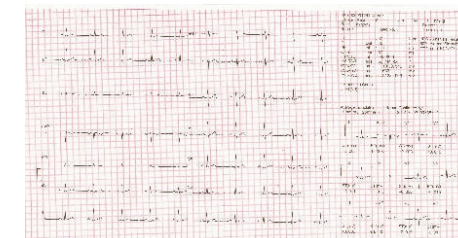The user just needs to press Help key to read helpful information, 4 pages in total.

● Various print types

● Eight types under AUTO mode: 12x1, 12x1+P, 6Tx2, 6x2+1rhy, 6x2+1rhy+P, 3x4+3rhy, 3x4+1rhy+P, Template+P
● "...+P" mode: when user choose "...+P" mode, the ECG report will be A4 size and print time will be shorter
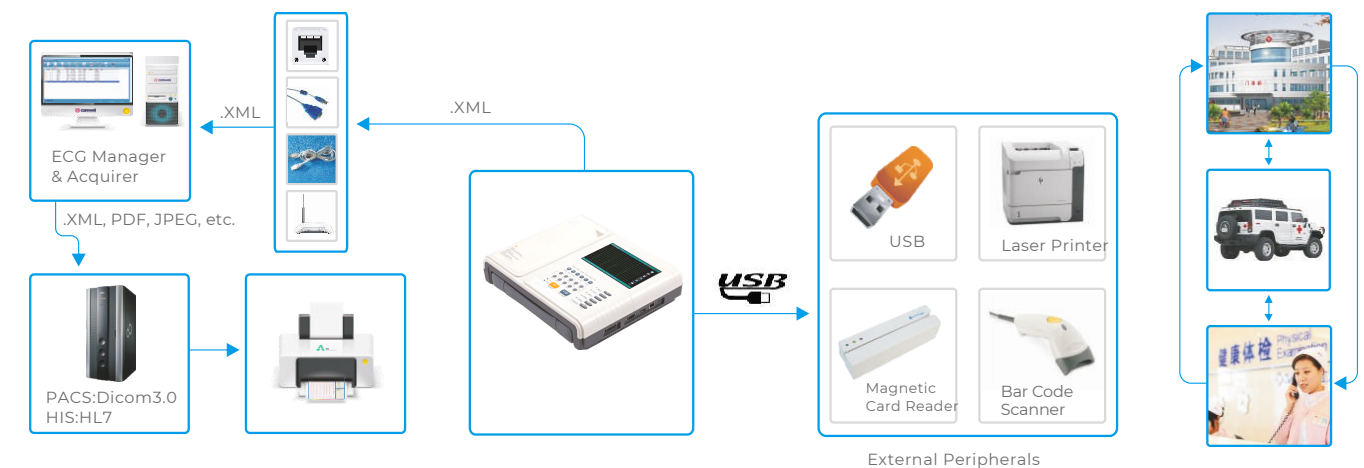
12x1+p (A4 Size)   6X2+1rhy   6x2+1rhy+p (A4 Size)

● Communicate with PC for ECG data management (option)

● ECG files can be transferred to PC through Carewell ECG Workstation software PCECG-500A. ECG data can be edited, analyzed, saved or printed out as like.
● Combine optional specialized hospital magnetic card reader or Symbol LS1203 bar code scanner with external optional laser printer to improve work efficiency and save money.

ECG Manager & Acquirer

.XML, PDF, JPEG, etc.

.XML

.XML

PACS:Dicom3.0 HIS:HL7

USB   Laser Printer

Magnetic Card Reader   Bar Code Scanner

External Peripherals