NEW

PE-E12A

ECG Machine12 Channel

yonker

Ergonomic Design

Ergonomic and practical design offers clinicians the best user experience.

High accuracy digital filter, automatic baseline adjustment

7 inch touch screen brings accurate diagnostic display and efficient operation

The design keyboard greatly streamlines the workflow

thermal printer can accurately trace each dot of ECG waveform

USB / UART ports support USB storage
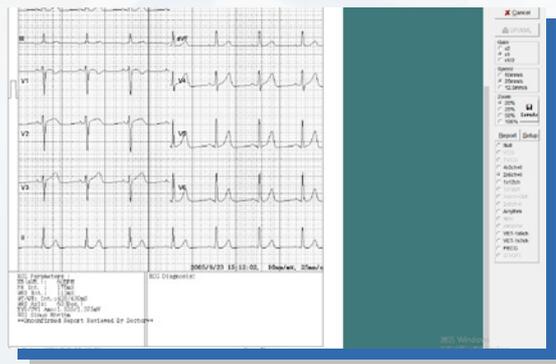
Multiple language and a variety of peripherals

Adapt to 110-230V,50/60Hz power supply Built-in rechargeable Li-ion battery

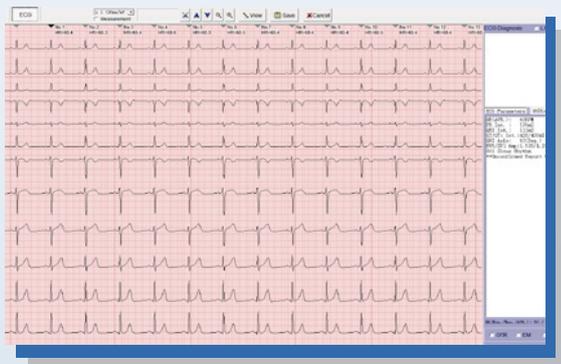Handle design | 7 inch color LC | USB multifunctional interface

Function
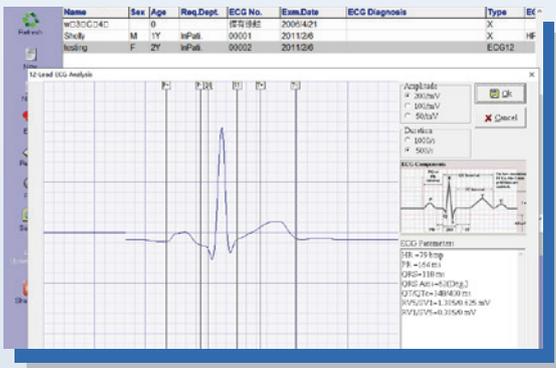

► Easy to input patient information

► Interface of print patient report

► Preview patient report

► ECG automatic measurement / analysis technology , measurement and analysis of any heartbeat , Smart removal of poor quality waveform

PE-E12A ECG Machine Datesheet

Overview

- **Lead**
  Standard 12 leads
- **Lead acquisition**
  12 leads synchronously acquisition
- **Work mode**
  Manual/Auto/R-R/Store
- **Filter**
  AC Filter: 50Hz/60Hz
  EMG Filter:25Hz/45Hz
  Anti-Drift Filter: 0.15Hz(adaptive)
- **CMRR**
  ≥120dB(with AC Filter)
- **Input Circuit**
  Floating; Protection circuit against defibrillator effect
- **Input impedance**
  ≥50MΩ
- **Input circuit current**
  ≤0.05цA
- **Patient current leakage**
  <10цA
- **Calibrating voltage**
  1mV±2%
- **Voltage tolerance**
  ≥±500mV

- **Time constant**
  ≥3.2s
- **Frequency response**
  0.05~160Hz(-3db)
- **Noise level**
  <15цVp-p
- **Inter-channel interference**
  ≤0.5mm
- **Sensitivity**
  Auto,2.5,5,10,20,40mm/mV(±3%)
- **Recording mode**
  3ch+++,6ch,6ch+,12ch
- **Paper speed**
  6.25,12.5,25,50mm/s(±3%)
- **Recording Paper**
  210mmx30m roll thermal paper
- **Power supply**
  AC:110-230V(±10%),50/60Hz,40VA
  DC: Built-in rechargeable Li-ion battery , 14.4V,4400mAh
- **Communication Port**
  USB, UART
- **Dimension/Weight**
  347mmx293mmx83mm,4.8kgs

Package List

- **Main unit**
  1set
- **Patient cable**
  1pc
- **Limb electrodes**
  1set (4pcs)
- **Chest electrodes**
  1set (6pcs)
- **Recording paper**
  1roll (210mmx30m)

- **Fuse**
  2pcs
- **Paper axis**
  3pc
- **Grounding cable**
  1pc
- **Power cable**
  1pc
- **Operation manual**
  1copy

ECG Data Manage ment Software

（ECG Works tation）

- Support USB, Wifi, Bluetooth communication
- Real-time 12 leads ECG acquisition
- Electrocardial vector / Atropine Drug trials
- Standard leads/user-defined lead names
- ECG automatic measurement / analysis technology
- Auxiliar y measurement and analysis of any heartbeat
- Color identification of abnormal QRS
- Intelligent correction of lead connection errors
- Smart removal of poor quality waveform
- Measurement function, easy judgment of premature

- beats and arrhythmias
- Support printing ECG report on normal A4 or 16K
- paper via laser printer
- multiple report formats optional
- Various comprehensive analysis reports such as
- VCG/HRV/FECG, ect.
- Universal HIS interface function, interface
- customization is possible
- Integration of hospital information system (HIS/PACS)

Connectivity

PE-E12A could connect to network by WiFi and wired way. The report could be transmitted in PNG/ DCM/ XML/ HL7/ PDF/JPG/ GDT/ ZQECG formats to hospital information system through international standard transmission protocol such as DICOM, HTTP, SAMBA directly.

PACS, HIS, EMR

XML	HL7
DCM	PNG
PDF	JPG
GDF	ZQCG

Patient Information

Wired   Wireless

COM, HTTP, SAMBA