# PE-E3B

*NEW*

ECG Machine 3 Channel



# yonker

# Ergonomic Design

Ergonomic and practical design offers clinicians the best user experience.

High accuracy digital filter, automatic baseline adjustment

5 inch touch screen brings accurate diagnostic display and efficient operation

The design keyboard greatly streamlines the workflow

USB / UART ports support USB storage

thermal printer can accurately trace each dot of ECG waveform

Multiple language and a variety of peripherals

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

Easy to operate

5 inch color LCD
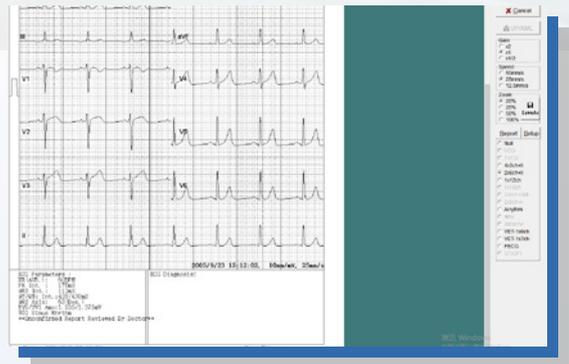
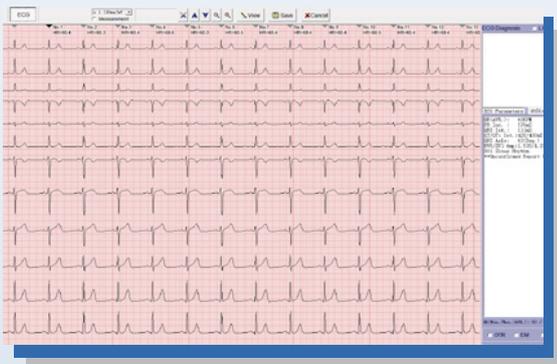USB multifunctional interface
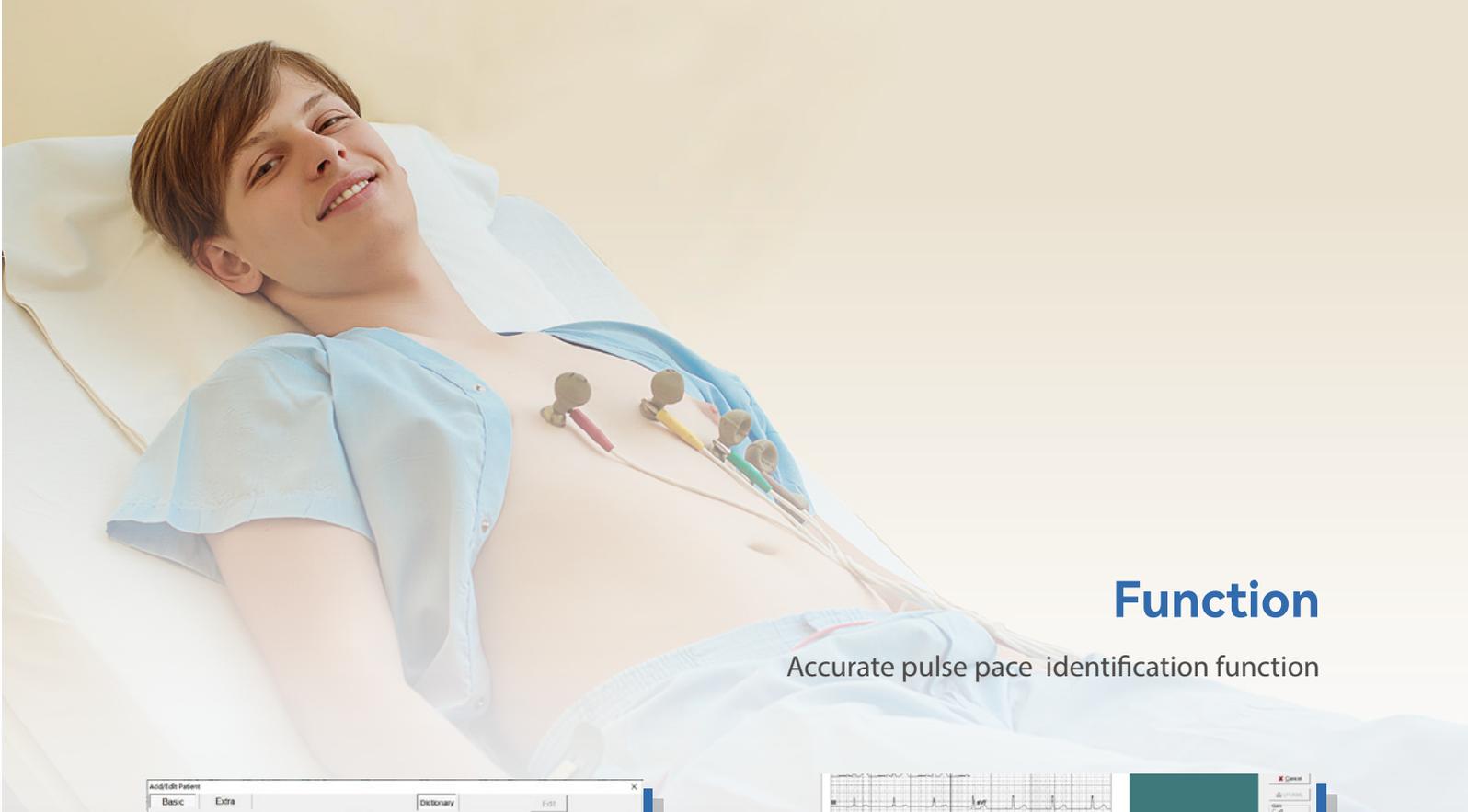
# Function

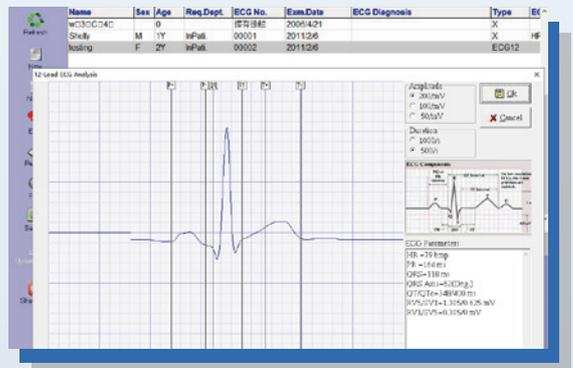Accurate pulse pace identification function
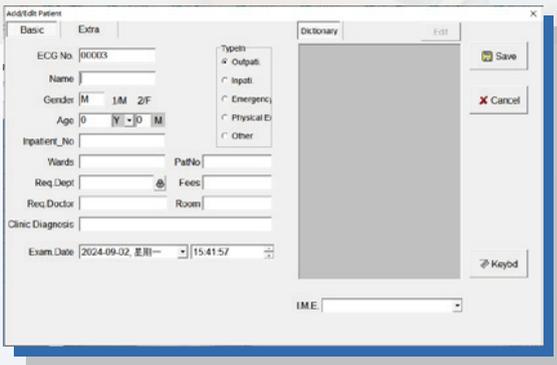
▶ Easy to input patient information

▶ 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-E3B ECG Machine Datesheet



## Overview 

- **Lead**

  Standard 12 leads,3 channel
- **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**

  1ch+,3ch,3ch+
- **Paper speed**

  6.25,12.5,25,50mm/s(±3%)
- **Recording Paper**

  80mmx20m roll thermal paper
- **Power supply**

  AC:110-230V(±10%),50/60Hz,40VA

  DC: Built-in rechargeable Li-ion battery ,

14.4V,2200mAh
- **Communication Port**

  USB, UART
- **Dimension/Weight**

  300mmx230mmx72mm,2.8kgs

## Package List 

- **Main unit**
  1set
- **Patient cable**
  1pc
- **Limb electrodes**
  1set ( 4pcs )
- **Chest electrodes**
  1set ( 6pcs )
- **Power cable**
  1pc

- **Grounding cable**
  1pc
- **Fuse**
  2pcs
- **Paper axis**
  1pc
- **Recording paper**
  1roll ( 80mmx20m )
- **Operation manual**
  1copy

# ECG Data Manage ment Software

（ECG Works tation）

- Support USB, Wifi, Bluetooth communication
- Real-time 12leads 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-E3B 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*

Patient Information

XML  HL7
DCM  PNG
PDF  JPG
GDF  ZQCG

Wired        Wireless

*COM, HTTP, SAMBA*