



## Model No. PT-12

- Compact in size, easy and direct operation, portable
- Multiple operation modes : Manual / Auto/ Arrhythmia Analysis modes
- 12 - lead ECG simultaneous acquisition
- 800 x 480 graphic 7 inch color touch screen
- 1024 x 600 graphic 10 inch color touch screen (only for PT-12)
- 215mm, 120 Channel format recoding
- Adapt to 110-230V, 50/60 Hz AC power supply
- Built- in rechargeable Li-ion Battery, 2 Hours continuous working
- 250 patients information storage
- Built in USB/ RS232 interface
- High accuracy thermal printing, adapt to 215mm roll paper

## TECHNICAL SPECIFICATIONS

- Lead acquisition : 12 bit/ 1000Hz (synchronously 12 leads)
- Work mode : Manual Auto/1-channel 60s compressed record/ Rhythm analysis
- Filter : Muscle filter : (25Hz/ 35Hz/45Hz/ 75Hz/ 100Hz, - 3dB)  
AC Filter : (50Hz or 60 Hz, - 20dB) Drift Filter : ( 0.5 Hz, -3dB)
- CMRR :  $\geq 100\text{dB}$  (with AC Filter)
- Input circuit : AC Filter : (50Hz or 60Hz , 20 dB) Drift Filter : (0.5Hz, - dB)
- Input impedance :  $\geq 100 \text{ dB}$  (with AC Filter)
- Input Circuit Current : Floating; Protection circuit against Defibrillator effect
- Patient Current leakage :  $\geq 50\text{MO}$
- Calibrating voltage :  $\leq 0.1\text{UA}$
- Voltage tolerance :  $\geq 10\text{UA}$
- Time constant :  $1\text{m V} \pm 2\%$
- Frequency response :  $\geq \pm 500 \text{ ml}$
- Noise level :  $\geq 3.2\text{s}$
- Inter - channel interference :  $0.05\sim 150 \text{ Hz} (-3\text{db})$
- Sensitivity :  $< 15\text{U V p-p}$
- Recording mode :  $\leq 0.5 \text{ mm}$
- Paper speed : 1.25, 2.5, 5, 10, 20, 40 mm/mV
- Paper : 3+3ch, 6ch, 6+1ch, 12ch, 12+1ch
- Communication : 5, 6.25, 10, 12.5, 25, 50mm /s ( $\pm 3\%$ )
- Power supply : 216mm x 20m roll paper  
RS232 V ( $\pm 10 \%$ ), 50/60 HZ ( $\pm 1 \text{ Hz}$ ) 60, VA
- Weight : DC Built - in rechargeable battery, 14.8V (4400mm Ah)
- Box Dimension : 3.9 Kg  
440 mm x 410mm x 240mm