

# Hart Pro 12 DELUXE

## Features:

The **Hart Pro 12™** is a robust, easy to use, large 10" HD LCD touch screen, 12-channel digital based Electrocardiograph device which can display 12-lead EKG signal and subsequently print the report through its high resolution thermal printer.

The **Hart Pro 12™** can record and display ECG waveform in Auto/Manual mode, measuring and diagnosing ECG waveform signals automatically, case database management, selectable rhythm lead, etc, the trend chart and histogram of PR interval can be printed, which is convenient in observing abnormal heart rates.

The **Hart Pro 12™** is Ideal and adaptable for Hospitals and general practitioners usage.

## Full Auto Analysis Function:

Auto-analysis and auto-diagnosis for routine ECG parameters, provide measurement results and auto-diagnosis conclusion for HR, P-R interval, P Duration, QRS Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1), etc. which saves time and reduces the operators burden.



Clinically Proven Technology



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### Technical Specification:

#### Unit Parameters

Display:	10" HD LCD (touch screen and keyboard operation)
Operation mode:	Automatic, Manual, Rhythm
Printer type:	High resolution Thermal Printer
Paper size:	210mm/216mm both roll and fold paper
Battery:	Lithium Polymer Rechargeable Battery (150 continuous records)
Power supply:	AC: 100/240 V 50/60 Hz DC: 7.4 V 3700mA
Sensitivity:	2.5, 5, 10, 20, 40mm/mV
Paper speed:	Auto mode: 25mm/s, 50mm/s Manual : 5, 6.25, 10, 12.5, 25, 50mm/s
Safety classification:	Class I, type CF defibrillation-proof applied part
Memory:	Built-in Memory: more than 1000 cases can be stored

#### Technical Parameters

Input mode:	Floating and Defibrillation protection
Input impedance:	≥50MΩ
Input circuit current:	≤0.1μA
Calibration voltage:	1mV, accuracy: ±2%
Polarization voltage:	± 500mV
Noise level:	≤15μVp-p
EMG filter:	25Hz /35Hz (-3dB)
CMRR:	>60dB, >100dB (add filter)
Frequency response:	0.05 Hz ~ 150 Hz (-3 dB, +0.4 dB)
Time constant:	≥3.2s
Patient leak current:	<10μA
Sampling accuracy:	12-bit
Sampling frequency:	1000Hz

#### Dimensions

Size:	340(L) x 320(W) x 86(H) mm
Weight:	5kg
Working Temp:	5°C ~ 40°C

#### Standard Accessories

Lead cable:	One set	Power cord:	One set
Limb electrode:	One set	Earth wire:	One set
Chest electrode:	One set	User manual:	One set
ECG paper:	One set		

