

ESSE-901



SINGLE CHANNEL DIGITAL ECG MACHINE

FEATURES

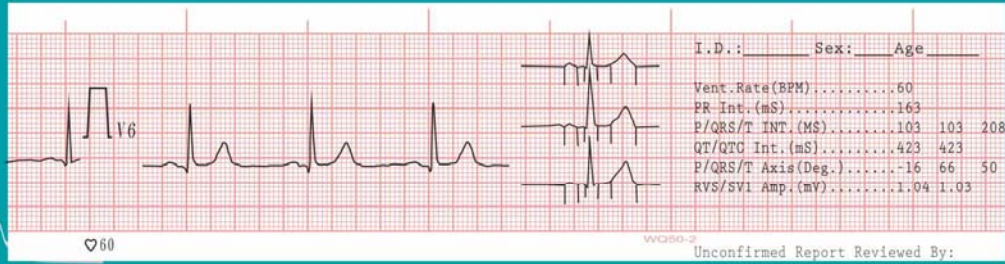
- Single channel digital ECG machine with measurement
- Design of all digital, digital filtering , auto baseline and adjustment
- Simultaneous 12 leads acquisition
- Multiple printing mode (Manual – Auto – Ref-Lead) , 50mm x 20 mt roll paper
- LCD to display operation status and HR , 20x2 characters
- High resolution output system, simultaneous ECG wave , lead , paper speed, gain and detailed data
- Built-in RS-232 interface, save/copy/communication functions (optional USB and ECG software)
- AC/DC power with built-in rechargeable Li-Ion battery
- Design of modularization (under ECG workstation) if connected with PC for saving ECG records





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Single channel digital ECG machine



★ Specifications

Lead	Standard 12 leads
Acquisition	Simultaneous 12 leads
Resolution	18 bit/1000Hz
Operation mode	Manual mode, 3 Auto modes (with measurement report)
Filter	AC, EMG filter
Drift filter	Anti-Drift System
CMMR	> 60dB > 100dB (with AC filter)
Input circuit	Floating, protection circuit against defibrillator effect
Input circuit current	≤ 0.1 μ A
Input Impedance	> 50MΩ
Patient current leakage	< 10 μ A
Calibrating voltage	1mV ± 2%
Voltage Tolerance	± 500mV
Time constant	> 3.2s
Frequency response	0.05 ~ 150Hz
Noise level	≤ 15 μ Vp-P
Threshold	≤ 20 μ V
Paper speed	25,50mm/s (± 3%)
Sensitivity	Auto, 2.5, 5, 10, 20mm/mV
Recorder	High resolution thermal printer
Paper specification	50mm × 20/30m, roll
LCD display	Displays menu, operation status and heart rate
Safety level	IEC60601-1 class I, type CF
Power supply	AC 110V/220V/85-265V, 50/60Hz ± 1Hz; 30VA DC 10.8V (1500mAh) rechargeable Li-ion battery
Dimension	288mm × 204mm × 60mm



■ Standard Accessory



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