

# **ESSE-903**



## **THREE CHANNEL INTERPRETATIVE DIGITAL ECG MACHINE**

### FEATURES

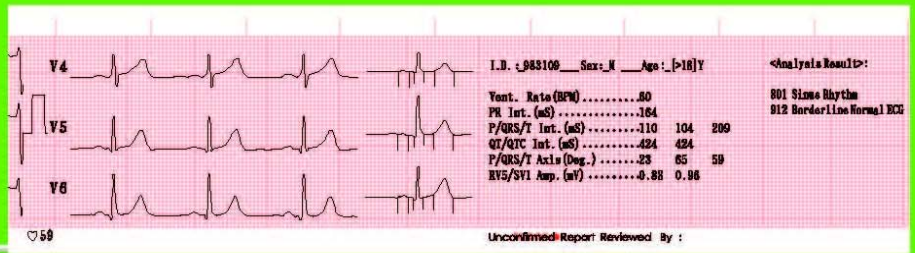
- Three channel digital ECG machine with measurement and interpretative
- Design of all digital, digital filtering , auto baseline and adjustment
- Simultaneous 12 leads acquisition , real time display ECG waveform
- 192x64 graphic LCD screen to display operation status and HR
- Multiple printing mode ( Manual – Auto – Ref-Lead ) , 63mm x 30mt roll paper
- High resolution hotspot 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





# ESSE-903

## Three channel interpretive 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 μA
Input Impedance	> 50MΩ
Patient current leakage	< 10 μA
Calibrating voltage	1mV ± 2%
Voltage Tolerance	± 500mV
Time constant	> 3.2s
Frequency response	0.05 ~ 150Hz
Noise level	< 15 μVp-P
Threshold	< 20 μV
Paper speed	25,50mm/s (± 3%)
Sensitivity	Auto, 2.5, 5, 10, 20mm/mV
Recorder	High resolution thermal printer
Paper specification	63mm × 20/30m, roll
LCD display	Displays menu, operation status and ECG waveform
Safety level	IEC60601-1 class I, type CF
Power supply	AC 110V/220V/85-265V, 50/60Hz ± 1Hz; 30VA DC 14.4V (2000mAh) rechargeable lithium battery
Dimension	300mm × 230mm × 61mm



Standard Accessory



ESSE 3 Via Garibaldi 30  
14022Castelnuovo D.B. (AT)  
tel +39 011 99 27 706  
fax +39 011 99 27 506  
e-mail [esse3@chierinet.it](mailto:esse3@chierinet.it)  
web : [www.esse3-medical.com](http://www.esse3-medical.com)

