





## THREE CHANNEL ECG MACHINE



### FEATURES

- Three Channel ECG recording with 12 lead simultaneous acquisition with summary and full report option
- 3.8" Wide screen LCD display of real time 12 channel ECG data
- Three Channel printout **with one long lead**
- Auto and Manual mode operation
- Light weight, Portable and Compact design
- Digital filtering to remove interference from power line, muscle tremor etc., with automatic base line correction
- Power line safe design, can be used both on powerline as well as battery
- High performance Li-Ion rechargeable batter
- Transfer of data to PC through R5-2321 U5B Port (Optional)
- Patient name printed on ECG printout

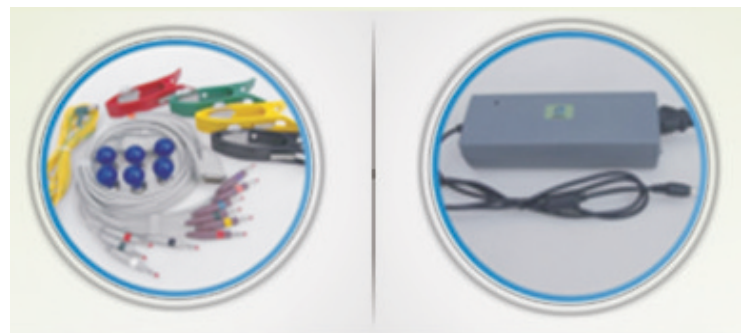
RENO-SOFT (OPTIONAL)	VECTOR-CARDIOGRAPH	CARDIOGRAPH	ECG NETWORK MANAGEMENT
 <p><b>KEY FEATURE :</b></p> <ol style="list-style-type: none"> <li>1. Simultaneous 12-lead ECG from USB</li> <li>2. Support Frand and Wilson lead system</li> <li>3. ECG Analysis with auto interpretation</li> <li>4. Low cost A4 paper, multi-format ECG report</li> </ol>	 <ol style="list-style-type: none"> <li>1. Frank Lead VCG/TVCG</li> <li>2. Average and Instantaneous VCG</li> <li>3. Animating the direction of vector loops</li> </ol>	 <ol style="list-style-type: none"> <li>1. User defination ECG Leads</li> <li>2. 12-lead ECG with auto interpretation</li> <li>3. Electronic ruler for the ECG measurement</li> </ol>	 <ol style="list-style-type: none"> <li>1. Handy case search and summary</li> <li>2. Export WORD/DICOM format ECG Reoport</li> <li>3. Can Integated in HIS/PACS system easily</li> </ol>

## TECHNICAL SPECIFICATION

Lead	:	Standard 12 leads
Lead Acquisition	:	Simultaneous 12 leads
ECG Resolution	:	12bit/1000Hz
Operation mode	:	Manual/Auto/Analysis Modes
Input circuit	:	Floating, Protection against defibrillator effect
Input circuit current	:	<0.1uAInput Impedance>50M $\Omega$
Patient current leakage	:	<10uA
Calibrating voltage	:	1mV $\pm$ 3%
Voltage tolerance	:	$\pm$ 500 mV
Frequent response	:	0.05Hz — 160Hz
Noise level	:	<15 $\mu$ Vp-p
Threshold	:	<20uV
Safety standard	:	GB9706.1-2007,IEC Class I, Type CF
Mode of Operation	:	Auto and Manual
Printout Format	:	Three Channel
Sweep Speed	:	12.5, 25, 50 mm/sec.
Sensitivity	:	Auto, 2.5, 5, 10, 20, 40 mm/mV
CMRR	:	>100 dB with AC Filter
Time Constant	:	> 3.2 sec.
AID Conversion	:	10 Bit
Printer Type	:	High Resolution Thermal Printer
Paper Width	:	80 mm
Low Batt. Indicator	:	Yes
Batt.Charging / Mains Indicator	:	Yes
Battery Charging Time	:	3 Hrs.
Battery Type	:	Li -Ion, 12V, 1500 mAh
Power Supply	:	100 — 230 V AC, 50/60 Hz.
Weight	:	1.5 Kgs (Approx)
Filter	:	AC, EMG Filter
Dimensions	:	270 (L) x 330(W) x 65 (H) mm
Communication Ports	:	USB and RS — 232

### Standard Accessories

1. Patient Cable	:	1 No (12 Leads)
2. Clip on Eelctrode	:	Set of 4 Pieces
3. Bulb Electrodes	:	Set of 6 Pieces
4.ECG Jelly	:	1 Tube
5. Paper Roll	:	1 Roll
6. Mains Cable	:	1 No
7. Operation Manual	:	1 No



\*All specification and designs are subjected to change without intimation because of continuous improvement and development