TRIVITRON
H E A L T H C A R E
speaking your language

iBeat3V *Pro*

ECG

- Simultaneous 12 leads ECG acquisition and display
- Simultaneous 3 leads ECG printing with 80mm thermal paper
- 7 inch 800 x 480 TFT color LCD
- Alpha-numeric keyboard
- Built-in rechargeable lithium battery
- Built-in 4G SD card, save up to 10,000 ECG reports in XML/PDF/BMP format (optional)
- Pacemaker detection
- Precise ECG auto-interpretation program
- USB SLAVE port can be connected to PC-ECG software (optional)
- USB MASTER port can be connected to an external USB printer supporting PCL6 language to print 12 leads ECG reports on A4 paper (optional)
- Network transmission (optional)
- Software upgrade automatically via SD card

SPECIFICATIONS*

The recording paper with 80mm width, the clearly printed reports include ECG measurement data, patient ID, sex, age etc

3CHx4

3CHx4+1R

Lead	:	Standard 12 leads
Input Circuit	:	Built-in defibrillator protection
Acquisition Mode	:	Simultaneous 12 leads acquisition
Measurement Range	:	±5mVpp
Time Constant	:	≥3.2s
Frequency Response	:	0.05Hz~150Hz (-3dB)
Sensitivity	:	2.5 mm/mV, 5 mm/mV, 10 mm/mV, 20mm/mV
Input Impedance	:	≥50MΩ
Input Circuit Current	:	＜0.05µA
Noise Level	:	＜15µVp-p
Anti Baseline Drift	:	Automatic
Patient Current Leakage:		＜10µA(220V-240V)
Filter	:	EMG Filter: 30 Hz/40Hz
		DFT Filter : 0.05 Hz/0.15 Hz/0.25 Hz/0.5Hz
		AC Filter : 50Hz/60Hz

Main Interface

File Management Interface

CMRR	:	98dB
Recording Mode	:	Automatic: 3CHx4+1R,3CH+4
		Manual:3CH,1CH, 1CH+1R
		Rhythm: Any Lead selectable
Recording System	:	Thermal matrix printing
Recording Paper	:	Roll: 80mm×20m
Paper Speed	:	6.25 mm/s, 12.5 mm/s,50mm/s
Display	:	800x480 pixel TFT LCD
Interface	:	Network interface, USB Master/Slave, SD card
Safety Standard	:	IEC I/CF
Sample Rate	:	Normal : 1000sps/channel
		Pacemaker : 10,000sps/channel
Pacemaker Detection	:	≥±2mV ≥±0.1ms
Dimension	:	310mmx244mmx65mm
Weight	:	Approx.2.25Kg (Include battery)
Power Supply	:	AC : 100~240V, 50/60Hz, 70VA~100VA
		DC : Built in Rechargeable Li-ion battery

*Please note: Product specifications are subject to change without prior notice owing to product modifications, improvements / up-gradation.