

# iBeat12vGrand



## ECG

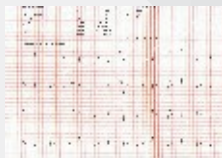
- Simultaneous 12 leads ECG data acquisition and display
- Simultaneous 12 leads ECG printing with 210mm/216mm thermal paper (Roll or Z-fold)
- 10 inch 800 x 480 TFT color LCD
- Alpha-numeric keyboard
- Built-in rechargeable lithium battery (print up to 360 ECG reports)
- Built-in 4GB SD card, save up to 10,000 ECG reports in XML /PDF/ BMP/JPG format
- 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
- Network transmission
- Software upgraded automatically via SD card

# SPECIFICATIONS\*

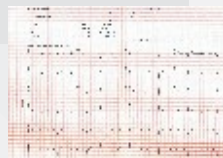
Support roll and Z fold paper with 210/216mm width, the clearly printed reports include ECG measurement data, patient ID, sex, age etc



3CHx4



3CHx4+1R



3CHx4+3R



6CHx2



6CHx2+1R



Rhythm Lead



12CHx1

<b>Lead</b>	: Standard 12 leads
<b>Input Circuit</b>	: Built-in defibrillator protection
<b>Acquisition Mode</b>	: Simultaneous 12 leads acquisition
<b>Measurement Range</b>	: $\pm 5\text{mVpp}$
<b>Time Constant</b>	: $\geq 3.2\text{s}$
<b>Frequency Response</b>	: 0.05Hz~150Hz (-3dB)
<b>Sensitivity</b>	: 2.5 mm/mV, 5 mm/mV, 10 mm/mV, 20mm/mV
<b>Input Impedance</b>	: $\geq 50\text{M}\Omega$
<b>Input Circuit Current</b>	: $< 0.05\mu\text{A}$
<b>Noise Level</b>	: $< 15\mu\text{Vp-p}$
<b>Anti Baseline Drift</b>	: Automatic
<b>Patient Current Leakage:</b>	: $< 10\mu\text{A}$ (220V-240V)
<b>Filter</b>	: EMG Filter : 25 Hz / 30 Hz / 40Hz AC Filter : 50Hz/ 60Hz DFT Filter : 0.05 Hz / 0.15 Hz / 0.25 Hz / 0.32 Hz / 0.5 Hz / 0.67Hz/ ADS Low Pass Filter: 75 Hz / 100 Hz / 150Hz



<b>CMRR</b>	: 100dB
<b>Recording Mode</b>	: Automatic: 12CHx1, 6CHx2+1R, 6CHx2, 3CHx4+3R 3CHx4+1R, 3CHx4
<b>Recording System</b>	: Manual: 12CH, 6CH, 3CH, 1CH+1R, 1CH Rhythm: Any lead selectable Thermal matrix printing
<b>Recording Paper</b>	: Roll: 210mm $\times$ 30m Z-fold: 216mm $\times$ 295mm $\times$ 100 sheets
<b>Paper Speed</b>	: 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s
<b>Display</b>	: 800 $\times$ 480 pixel TFT LCD
<b>Interface</b>	: Network interface, USB Master/Slave, SD card
<b>Safety Standard</b>	: IEC I/CF
<b>Sample Rate</b>	: Normal: 1000sps/channel Pacemaker: 10,000sps/channel
<b>Pacemaker Detection</b>	: $\geq \pm 2\text{mV}$ $\geq \pm 0.1\text{ms}$
<b>Dimension</b>	: 435mm $\times$ 335mm $\times$ 98mm
<b>Weight</b>	: 4Kg (include battery)
<b>Power Supply</b>	: AC: 100~240V, 50/60Hz, 70VA~100VA DC: 14.8V/4400mAh, built-in lithium battery

**Head Office** : # 15, IV Street, Abhiramapuram, Chennai -18  
Ph : +91 44 24985050 (6 lines) Fax : +91 44 24985757 / 24672782

**Regional Offices** : BANGALORE (+91 8022115491) | DELHI (+91 11 41354650)  
KOLKATA (+91 33 24224493) | MUMBAI (+91 22 66612526 / 27 / 28)

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