

## BS-5530 3-Channel ECG



### >Applications:

With standard LCD screen. Automatic measurement of ECG waveform and fully automatic waveform analysis report output. Huge electrocardiograms records system. Complete ECG information shown on the LCD screen.

### Features:

1. Automatic ECG waveform and parameter measurement
2. Complete digital design, wave digital filter, automatic adjustment of baseline, amplification, and automatic lead switch
3. Single Color TFT Display (resolution: 320 x 240 pixel ).
4. Simultaneously 12 leads acquisition, optional selections for rhythm Lead
5. Thermal recorder (80mm)--high resolution printer, synchronous record details of ECG waveforms, name of leads, paper feed speeds gain, patients' information, and analysis reports, etc.
6. Multi-language operation interface, various printout format
7. Built-in Li-ion battery, support uninterrupted working up to 2 hours
8. 150 digital ECG records
9. Optional network capability

### >Technical Specifications:

Index	Parameter	Index	Parameter
Lead	Standard 12 Lead	Rhythm Lead	Standard 12 lead
Input Circuit	Isolated, Protection against pace packing and defibrillation	External Input	10mm/V $\pm$ 5%;single ended $\geq$ 100k $\Omega$
Input Impedance	$\geq$ 10M $\Omega$	Sampling Rate	1kHz, 12 lead
Input Circuit Current	$\leq$ 50nA	Recording Speed	25, 50mm/s
Gain	5, 10, 20mm/mV	CMRR	$\geq$ 90dB
Filter	AC: 50/60Hz—20dB EMG: 35/45Hz—3dB	Frequency Response	0.05-150Hz(-3dB)
Skin Voltage Tolerance	$\pm$ 350mV	A/D Converter	12bit
Recording System	Thermal array printer	Case Memory	150 exams
Calibrating	1mV $\pm$ 2%	Analyze Function	Output analysis
Time Constant	3.2s (0, +20%)	Operation Mode	Auto/Manual
Noise Level	$\leq$ 15uVp-P	ECG Output	1V/mV $\pm$ 5%; single ended $\leq$ 100 $\Omega$
Baseline Control	Automatic position	Safety Level	Class , Type CF
Recording Paper	Roll Paper: 80mm X20m	Display	Wave: 320 $\times$ 240 Pixel English Menu Display

### Working condition:

Environment	5~40°C	Relative Humidity	25%~80%
Air Pressure	860hpa~1060hpa	Voltage	AC 110V / 220V
Frequency	50-60Hz		

