

3 Channel ECG machine with 7 inch color screen display

Model: BES-307

Features:

1. 7 inch 480x680 color graphic LCD display (touchscreen optional)
2. Three channel ECG machine with interpretation
3. 12-lead ECG simultaneous acquisition
4. Able to detect and alarm on electrode disconnection (acoustic and visual alarm)
5. Multiple operation modes: Manual/Auto (3-20 sec)/Arrhythmia Analysis Modes
6. 80mm 3-channel recording with a rhythm lead
7. Digital filters eliminate EMG, AC, Baseline Drift interference
8. Standard measurements of ECG parameters include P wave duration, QRS duration and T wave duration, P-R interval, QTC and Q-T interval
8. Heart rate: Display HR when HR from 30 to 300 per minute ± 1 bpm
9. Built in rechargeable Li-ion battery, 3 hours continuous working
10. Adapt 110-240V, 50/60Hz AC power supply
11. 250 patients save/replay
12. Built in USB/LAN interface (LAN: for communication with PC by internet (option))

BES-307A Specification	
Lead	12 leads, Standard or Cabrera, 12 leads simultaneously acquisition
Input circuit	Floating, Defibrillation protection ≥ 410 J
LCD display	480*680 7 inch color screen LCD display ECG waveform, operation conditions, Time, Heart-rate
Safety	IEC class I, type CF
Sampling rate	1000 samples/Sec/Channel
A/D converter	16x2 bits
Recording Mode	automatic, manual, Long Term(60Sec)
Calibration Voltage	1 mV $\pm 2\%$
Filter	AC (50Hz or 60Hz, -20dB)
	EMG (25Hz/35Hz/45Hz/75Hz/100 Hz, -3dB)
	Drift (0.5Hz, -3dB)
	Built-in low-pass: 0.05/0.16/0.25/0.32/0.67 Hz Built-in high-pass: 20/40/150 Hz
Sensitivity	1.25, 2.5, 5, 10, 20, 40 mm/mV $\pm 2\%$

Paper speed	5, 6.25, 10, 12.5, 25, 50 mm/s \pm 3%
CMRR	>110dB (AC filter in use)
Input circuit current	<0.1 μ A
Patient Current Leakage	< 10 μ A
Pacing detection	Built-in
Input Impedance	50 M Ω DC
Time constant	> 3.2S
Frequency Response	0.05--150Hz,-3dB
Noise Level	<15 μ V
Printing resolution	\geq 8 dot/mm (Vertical) / \pm 5% \geq 40 dot/mm (Horizontal, 25 mm/s) / \pm 5% \geq 20 dot/mm (Horizontal, 50 mm/s) / \pm 5%
Paper size	80mm/18m roll type or Z-fold thermal paper
Case storage	250 cases at least, can be stored on external SD card
Power requirements	AC220V/50Hz
Built-in battery	Li-ion rechargeable battery pack, 11.1V, > 3 hours working
Fuse Specification	2 Φ 5x20mm
Patient Cable	standard 10 leads

