

ESSE-12

ESSE-12 EXPRESS
Twelve Channel ECG





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Input Circuit	Defibrillation protection built-in	
Lead	Standard 12 leads	
Acquisition Mode	simultaneous 12 lead acquisition (10-24 seconds adjustable)	
A/D Converter	24 bits	
Input Voltage Range	± 5mVpp	
Time Constant	≥ 3.2s	
Frequency Response	0.05Hz ~ 150Hz	
Calibration Voltage	1mV ± 2%	
Sensitivity	2.5, 5, 10, 20, 10/5, AGC (mm/mV)	
Input Impedance	50MΩ (10Hz)	
Input Circuit Current	≤ 10nA	
Noise Level	< 12.5 μ Vp-p	
Anti Baseline Drift	Automatic	
Patient Leakage Current	< 10 μ A (220V 240V)	
Patient Auxiliary Current	< 0.1 μ A (DC)	
Filter	EMG filter 25Hz/35Hz/45Hz/OFF DFT filter 0.05/0.15/0.25/0.5/0.32/0.67Hz Lowpass filter 150Hz/100Hz/75Hz AC filter 50 Hz/60Hz	
CMRR	≥ 115 dB	
Recording Mode	Auto/Manual/Rhythm/R-R Analyse	
Rhythm Lead	Single lead or three leads selectable	
Power Supply	AC:100V-240V, 50/60Hz	
Battery	Built-in rechargeable Li-ion battery: voltage=14.8V, for about 200 copies ECG printing	Built-in rechargeable Li-ion battery: voltage=14.8V, for about 400 copies ECG printing
Recorder	Thermal printer	
Record paper	Folded paper, Rolled paper	
Paper width	216mm, 210mm	
Record Speed	5mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s (± 3%)	
Dimension	420mm x 330mm x 105mm	420mm x 330mm x 120mm
Display	320 × 240 dot single color LCD	800 x 600 multicolor LCD
External Input/Output	Input: ≥ 100KΩ ; Sensitivity 10mm/V ± 5% Output: ≤ 100Ω; Sensitivity 1V/mV ± 5%	
Communication ports	Ethernet, RS232	



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