



# ESSE - 1 / 3



## ESSE-1 / ESSE-3 Single/Three-Channel ECG



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Care for Health

# ESSE-1 / ESSE-3

## Single/Three-Channel ECG

Support Solutions



Carrying bag



Rolling stand

### Specification

	SE-1	SE-3
Input Circuit	Defibrillator protect built-in	
Lead	Standard 12 leads	
Acquisition Mode	Single lead	12 leads simultaneous acquisition
A/D Converter	12 bits	12 bits / 24 bits (optional)
Input Voltage Range	$< \pm 5$ mVpp	
Calibration Voltage	1mV $\pm 3\%$	
Frequency Response	0.05Hz ~ 150Hz (-3dB)	
Input Impedance	$\geq 50\text{M}\Omega$ (10Hz)	
Input Circuit Current	$\leq 0.05\mu\text{A}$	
DC Offset Voltage	$\pm 300\text{mV}$	$\pm 500\text{mV} / \pm 600\text{mV}$ (optional)
Noise	$\leq 12.5\mu\text{Vp-p}$	
Time Constant	$\geq 3.2\text{s}$	
DC Offset Voltage	$\pm 300\text{mV}$	$\pm 300\text{mV}$
Noise	$\leq 12.5\mu\text{Vp-p}$	
Time Constant	$\geq 3.2\text{s}$	
Baseline Adjustment	Automatic	
Filter	EMG Filter: 35Hz (-3dB) AC/DFT Filter: 50Hz/60Hz (-20dB)	AC Filter: On / Off DFT Filter: 0.05Hz / 0.15Hz / 0.25Hz / 0.32Hz / 0.5Hz / 0.67Hz EMG Filter: 25Hz / 35Hz / 45Hz / OFF LOWPASS Filter: 150Hz / 100Hz / 75Hz
CMRR	$\geq 110\text{dB}$	$\geq 110\text{dB} / \geq 115\text{dB}$ (optional)
Recording Mode	Auto: 1CH, 1CH+1R Manual: 1CH	Auto: 3CH, 3/2CH, 3CH+1R, 1CH, 1CH+1R Manual: 3CH, 3/2CH, 1CH Rhythm: Single rhythm lead
Rhythm lead	Any lead selectable	
Power supply	AC: 100V-115V/220V-240V, 50/50Hz Built-in rechargeable Li-ion battery: Rated voltage: 14.8V More than 3 hrs continuous recording under battery supply	
Recorder	Thermal printer	Thermal printer/External printer
Record paper	50mm x 30m	80mm x 20m
Paper speed	25mm/s, 50mm/s	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s ( $\pm 3\%$ )
Dimension	288mm $\times$ 210mm $\times$ 70mm (11.3in $\times$ 8.3in $\times$ 2.8in)	
Weight	2.3 kg	2.5kg
Display	192 $\times$ 64 dot single color LCD screen	320 $\times$ 240 dot single color LCD Screen 192 $\times$ 64 dot single color LCD Screen
Communication Interface	N/A	Ethernet/RS232/USB



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