

SPECIFICATIONS

smartECGplus



Specifications

Lead	Standard 12 leads
Input Circuit	Defibrillator protection built-in
Acquisition Mode	12 leads simultaneous acquisition
Measurement Range	$\pm 5\text{mVpp}$
Time Constant	$\geq 3.2\text{s}$
Frequency Response	$0.05\text{Hz} \sim 150\text{Hz} (-3\text{dB})$
Calibration voltage	$1\text{mV} \pm 3\%$
Input Impedance	$\geq 50\text{M}\Omega$
Input Circuit Current	$< 0.05\mu\text{A}$
Safety Standard	IEC II/CF
Bluetooth Distance	10 meters
Noise Level	$< 15\mu\text{Vp-p}$
Baseline Drift	Automatic
Patient Current Leakage	$< 10\mu\text{A} (220\text{V}-240\text{V})$
CMRR	$> 90\text{ dB}$
Power Supply	DC 5V from USB port 2* AAA battery
Dimension	$126\text{mm} \times 67\text{mm} \times 24\text{mm}$
Weight	Approx. 200g
Sampling Rate	500sps/Channel
A/D Resolution	12bits
Power Consumption	10 hrs continuously recording with battery