

Specification: CM300



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Three-channel ECG CM300



Safety Standards

ISO 13485:2003 approved, CE marking according to MDD93/42/EEC

Physical Characteristics

Product Size:	310mm×270mm×75mm
Net Weight:	2.0kg
Display:	Single Color display
Resolution:	320*240

Operation Environment

working Temperature:	0-40℃
Humidity:	15-85%
Power Supply	AC100-250V, 50/60Hz
Battery Type:	Rechargeable lithium-ion battery
Battery Capacity:	1600mA
Battery Recharging Time:	Maximum 6.5 hours for charging;
Battery working period:	4 hours for continuous working;
Interface:	USB(data input or output, upgrade)
	AC power supply socket
	RS232 port

	RJ45 port
Data:	Input/output(patient's case)
Network:	PC-ECG
Performance Specifications	
Input Circuit:	Defibrillator protection built-in
Lead:	Standard 12 leads
Acquisition Mode:	12 leads simultaneously
A/D Converter:	12 bits
Measurement Range:	$\pm 5\text{mVpp}$
Time Constant:	$\geq 5\text{s}$
Frequency Responses	0.05-150Hz
Calibration Voltage	$1\text{mV} \pm 3\%$
Sensitivity:	2.5,5,10,20(mm/mV)
Input impedance:	$\geq 50\text{M}\Omega$
Input Circuit Current:	$\leq 50\mu\text{A}$
Noise Level:	$\leq 15\mu\text{Vp-p}$
Anti Baseline Drift:	Automatic
Patient Leakage Current:	$< 10\text{ }\mu\text{A}(220\text{V}-240\text{V})$
Patient Auxiliary Current	$< 0.1\text{ }\mu\text{A}(\text{DC})$
Filter	EMG Filter:25Hz/35Hz/45Hz/OFF DFT Filter:0.05/0.10/0.2/0.5Hz Lowpass Filter:150/100/75Hz AC filter:50Hz/60Hz/OFF
Recording Mode:	Auto: 3CH Manual:3CH
Rhythm Lead:	Any lead selectable
Recorder:	Thermal printer
Recorder Paper:	80mmX20mm
Paper Speed:	5mm/s,10mm/s,12.5mm/s,25mm/s,50mm/s ($\pm 2\%$)
External input/output:	Input: $\geq 100\text{K}\Omega$; sensitivity 10mm/V $\pm 5\%$ Output: $\leq 100\Omega$; sensitivity 1V/mV $\pm 5\%$