



CM1200 12 channel ECG

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

Physical Characteristics

Product Size: 410mmX316mmX114mm
Net Weight: 6.5kg
Display: 12.1" Color LCD touch screen
Resolution: 800*600

Operation Environment

working Temperature: 5°C-40°C
Humidity: ≤93%
Power Supply AC100-250V, 50/60Hz
Battery Type: Rechargeable lithium-ion battery
Battery Capacity: 4400mA
Battery working period: 4 hours for continuous working
Interface: USB(data input or output, upgrade)
AC power supply socket 12-lead ECG acquisition simultaneously
RS232 port
RJ45 port
Data: Input/output(patient's case)
Network: PCECG,FTP data upload

Performance Specifications

Input Circuit:	Defibrillator protection built-in
Lead:	Standard 12 leads
Sampling Mode:	Sequential sampling of each group, synchronous sampling of each group.
A/D Converter:	No less than 12 bits
Measurement Range:	±5mVpp
Time Constant:	≥5s
Frequency Response	0.05-150Hz
Calibration Voltage	1mV±3%
Sensitivity:	2.5,5,10,20(mm/mV)
Input impedance:	≥50MΩ
Input Circuit Current:	≤50uA
Noise Level:	≤15uVp-p
Anti Baseline Drift:	Automatic
Patient Leakage Current:	<10 uA(220V-240V)
Patient Auxiliary Current	<0.1 uA(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 Manual Rhythm
Rhythm Lead:	1channel and 3 channel for choice, 12 leads selecte
Recorder:	Thermal printer
Paper speed:	5mm/s,10mm/s,12.5mm/s,25mm/s,50mm/s(±2%)
Gain:	AGC,2.5mm/mV,5mm/mV,10mm/mV,20mm/mV,10/5mm/mV,20/10mm/mV
Recorder Paper:	210mmX30m,215mmX30m,210mmX140mm-150P,215mmX140mm-150P
Record format:	3×4、3×4+1R、3×4+3R、6×2、6×2+1R、12×1、12×1+T
External input/output:	Input:≥100KΩ; sensitivity 10mm/V ±5% Output:≤100Ω; sensitivity 1V/mV ±5%

COMEN, one of the leading medical device manufacturers in China, and admitted to be the quickest developing company in medical industry.

COMEN design and produce medical devices for OR, NICU, and ICU. The product range covers Anesthesia devices, Monitoring & diagnostic products, Infant incubators, ventilators, medical pendants, operation light, all designed with specific patient data managing system to link-in to multiple medical database. Based in Shenzhen - the hi-tech "headquarter" of China, COMEN has 30 branch offices operating business in China and 8 international branch offices in: USA, Russia, Turkey, Mexico, Thailand, India, Malaysia and Indonesia.

With all over 50,000 install bases in hospitals and medical centers globally, COMEN products are accepted and favored with its friendly design and excellent performance.

Specifications subject to change without notice

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