

CPM-9000T Patient Monitor

- 15" TFT Screen
- Multi-language, large font display
- Selective combination of waveforms



- Intelligent all-in-one integrated module
 - 15" high resolution(1024×708) color TFT display with max 9 waveforms (option 12.1")
 - Multi-language such as English, French, German, Italian, Portuguese, Spanish, or Russian available
 - Arrhythmia and ST segment analysis
 - Max 360-hour graphic & tabular trends of all parameters, 5000-group of NIBP data record and review, 120-group of alarm record and review
 - NIBP over range protection
 - Automatic data saving against sudden power off
 - Protection against high frequency electric surgical unit or defibrillator interference
 - Built in rechargeable Li-ion battery, disassemble design, working above 2 hours
 - Network function
 - Available for adult, pediatric and neonate patients
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- Standard: ECG, RESP, NIBP, SpO2, 2-TEMP
 - Option: ETCO2, 2- IBP, Thermal recorder

Safety

IEC-60601 approved

Power supply

AC: 100-250V 50/60Hz
DC: 12-20V

Packing information

Dimension: 364 × 144 × 332mm
Net weight: 3.9kgs
Gross weight: 6.65kgs
Carton size: 475 × 280 × 430mm

ECG

Lead type: 5-lead or 3-lead selectable
Lead input: RA; LA; RL; LL; C
Lead method: I; II; III; avR; avL; avF; V; CAL (calibration)
No. of channels: 7 channels
Gain: ×0.5; ×1; ×2; ×4; Automatic
Option ST segment detection and arrhythmia analysis
HR Measurement & alarming range
Adult: 15-300bpm
Pediatric: 15-350bpm
Precision: 1%
Resolution: ±1bpm
Sensitivity: >200uV (peak-to-peak value)
Differential input impedance: over 5M ohm
CMR: Non-filtering mode >90dB
Filtering mode >110dB
Electrode polarized voltage range: 300mV
Leakage current: less than 10uA
Protection: Electric isolation: 4000VAC/50Hz voltage
Defibrillation / electric knife resistant, Grid/ EMG resistant
Baseline recovery time: After defibrillation <3 seconds (under Filtering mode)
Scaling signal: 1mV (peak-to-peak value)
Accuracy: ±3%
Frequency response (bandwidth):
Filtering mode: 0.5-30Hz
Non-filtering mode: 0.05-130Hz
Alarm: audible and visual alarm reviewable
Pacing: pacemaker works only after capturing pacing

RESP

Method: RA-LL impedance method
RESP measurement & alarming range:
Adult: 7-120bpm
Neonatal / pediatric: 7-150bpm
Resolution: 1bpm
Precision: ±2bpm
Differential input impedance: Over 2.5M ohm, RA-LL lead
Apnea alarm: 10-40 seconds

NIBP

Measurement method: automatic vibration
Work mode: Manual / Automatic / Continuous;
Unit: mmHg/ Kpa selectable
Measurement range:
Adult:
Systolic pressure 25-255mmHg
Diastolic pressure 10-220mmHg
Mean pressure 20-235mmHg
Over pressure protection: dual protection
(1) 290mmHg
(2) 300 ± 10%mmHg
Neonatal:
Systolic pressure 20-200mmHg
Diastolic pressure 10-150mmHg
Mean pressure 10-160mmHg
Over pressure protection: 260mmHg



Pediatric:

Systolic pressure 20-135mmHg
Diastolic pressure 5-110mmHg
Mean pressure 10-125mmHg
Over pressure protection: dual protection
(1) 145 mmHg
(2) 150 ± 10%mmHg

Resolution: 1mmHg
Precision: Tolerance < 5mmHg, less than 8 mmHg
PR range: Alarm: systolic/diastolic/mean pressure: 0-300mmHg

SpO2

Measurement & alarm range: 0-100%
Resolution: ±1%
Precision: ±2% (70-100%); ±3% (60-70%)
(no statement (below 60%))
PR and alarm range: 0-254bpm
Resolution: 1bpm
Precision: ±1%



TEMP

Measurement & alarm range: 0-45°C
Resolution: ±0.1°C
Precision: ±0.1°C (circuit precision)
±0.2°C (including TEMP sensor)
No. of channels: 2 channels, giving display of T1, T2 and ΔT



EtCo2 (Option)

Operating Principle: InfraRed Spectroscopy
Measuring Mode: side stream
Measuring and Alarm Range: 0% to 13%
Accuracy:
< 5.0% CO₂ (at ATPS): 2 mmHg
> 5.0% CO₂ (at ATPS): < 10% of reading
Warm-up Time: 2~15 seconds
Response Time:
Detector: 28 ms (typical)
System: ~100 ms



IBP (Option)

Channel: 2
Measuring Range: -100~400 mmHg
Accuracy: ±2% or ±1mmHg, use the greater
Resolution: 1 mmHg
Alarm Range:
SYS 40~240mmHg
DIA 10~180mmHg
MEAN 20~200mmHg



※ (Specification subject to change without prior notice)