



# CPM-8000 Plus

## Multi-parameter Patient Monitor



### Patient Monitor

#### Main features

- 8.4" high brightness TFT display
- Multi-language available
- Built-in rechargeable lithium battery
- Over pressure protection
- Arrhythmia and ST-segment analysis
- Audio and visual alarm
- Network function
- 72-hour tabular and graphic trends of all parameters
- 480 groups of NIBP data storage and review
- Applicable for adult, pediatric, and neonate

**Standard configuration:** ECG, RESP, NIBP, SPO2, TEMP, HR

**Options:** thermal recorder, EtCO2, 2-IBP, C/S software

# CPM-8000 Plus

## Multi-parameter Patient Monitor



### Technical Specifications

#### Safety standard

IEC-60601-1, CE marked

#### Power supply

AC: 100-220V, 50/60Hz;  
DC: 7.4V

#### Packing information

Size: 230×133×220mm  
Weight: 2.6kgs(net), 7.5kgs(gross)  
Carton size: 42×30×32cm

#### Display

8.4" color TFT  
Maximum 7 waveforms in full screen  
Power/standby indicator and battery indicator

#### Battery

Rechargeable, regular working time above 2 hours  
Lasting 5 minutes after first alarm of low battery

#### Recorder(Optional)

Built-in, thermal array  
Recording mode: manual, alarm and timing  
Parameter alarm recording  
Waveform freeze recording  
Trend list/graph recording  
Alarm event review recording  
NIBP review recording  
Monitor information recording

#### Recall

Trend recall: 72 hours, 1-minute resolution  
Alarm event recall: all parameters  
NIBP measurement recall: 400 NIBP measurement data

#### ECG

Displaying graphics of 7 leads on the same screen  
Overload protection: defibrillation.  
Anti the interference of high-frequency electrotonus  
Lead: 3/5 leads  
Lead selection: I; II; III; avR; avL; avF; V;  
Waveform: 7 channels  
Gain selection: ×0.25; ×0.5; ×1.0; ×2.0  
Electrical leakage: < 10uA  
Baseline recovery time: <3 sec following defibrillation  
Protection: separates and withstands, 4000V AC/50Hz defibrillation,  
resistant to interference of electrotonus and myoelectricity  
Scan Speed: 12.5mm/25mm/50mm/sec  
Lead drop: auto detection  
Modes: DIA: 0.05~75Hz; MON: 0.5~40Hz; OPE: 1~20Hz

#### RESP

Model: RA-LL impedance  
Measurement /alarm: 1~150bpm  
Resolution: 1rpm; Accuracy: ±2rpm

#### NIBP

Unique direct, reverse and quick modes

Method: automatic oscillometric  
Working mode: Auto/Manual/continuous  
Interval of Auto Mode: 1-90 min  
Measurement unit: mmHg/Kpa selectable  
Measurement ranges: Systolic BP,  
Diastolic BP and mean BP  
Applicability: Adult/Pediatric/Neonatal  
Overload protection: dual security protection

#### SPO2

SpO2 probe of high intensity and durability  
Excellent measurement of low perfusion.  
Anti interference of movement  
Measurement Range: 0-100%  
Alarm range: 0-100%  
Resolution: ±1%  
Accuracy: ±2% (70-100%)  
PR range: 0~300bpm

#### HR

A. Measurement Range: 15-300bpm  
B. Accuracy: ±1bpm or ±1%  
C. Resolution: 1bpm  
D. ECG Calibration: 1mV (peak value)  
ST Segment offset (Diagnose Mode)  
A. Measurement Range: -0.8mV~2.0mV  
B. Accuracy: ±0.02mV or ±5%

#### TEMP

Resolution: 0.1 °C  
Accuracy: ±0.2 °C  
Channel: 2 channel  
Average measurement Time: < 10sec  
Alarm: sound, light

#### EtCO2(Optional)

Operating principle: infrared spectroscopy  
Measuring mode: sidestream  
mainstream  
Measuring range: 0-150mmHg, 0-19.7%, 0-20kPa  
Resolution: 0.1 mmHg(0-69mmHg); 0.25mmHg(70-150mmHg)  
Warm-up time: 2~15 seconds  
Response time:  
Detector: 28 mSec (typical)  
System: ~100 mSec

#### IBP(Optional)

Channel: 2  
Accuracy: ±2% or ±1mmHg, use the greater  
Resolution: 1 mmHg  
Measuring and alarm range:  
ART: 0~300(mmHg)  
PA: -6~120(mmHg)  
CVP/RAP/LAP/ICP: -10~40(mmHg)  
P1/P2: -10~300(mmHg)

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※ Specification subject to change without prior notice

