



### Characteristics:

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| 1.The new high-precision modules, high precision measurement parameters, reliable quality and stable performance.                    |
| 2.High brightness resolution 12.1 inches color TFT LCD display, waveform data is clearly visible.                                    |
| 3.Jog shuttle operation, in English logo button, easy to use, simple and intuitive operation.  |
| 4.Three-channel synchronous acquisition ECG, all leads a seven-channel synchronous display ECG (PM-9000GTA).                         |
| 5.a variety of display interface: a single guide, standard, large font, all leads, trend charts coexist to meet more clinical needs. |
| 6.All aluminum internal structure design has good shock resistance to use in the mobile environment.                                 |
| 7.Using the new digital Oxygen technology, when do weak perfusion and finger shaking measurement ,it is more accurate                |
| 8.ST segment automatic detection, arrhythmia analysis, drug concentrations drop  |

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| <b>table analysis</b>   |
| <b>9.The new design of full isolation floating, anti defibrillation, anti electrosurgical interference, to meet the surgery, Ward and other harsh environments needs.</b> |
| <b>10.NIBP dual overvoltage drift control and many other technology to ensure accurate measurement, to protect patient safety</b>   |
| <b>11.Powerful storage capability, the entire fully parametric trend chart data, ECG waveform storage playback, power-down save function</b>                              |
| <b>12.Automatic sound and light dual alarm, the alarm can be set upper and lower limits.</b>  |
| <b>13.Fan-less design, clean, low power consumption and improve the lifespan of the instrument.</b>   |
| <b>14.Body is Light weight and sturdy, easy to carry, suitable for adults, children and newborns.</b>   |
| <b>15.Optional built-in rechargeable lithium battery, AC-DC dual-use, light weight, energy-saving and environmental protection.</b>                                       |
| <b>16.Optional built-in two-channel thermometer recorder, real-time waveforms and print icon print.</b>   |
| <b>17.Widely used in hospital departments bedside care ward, ICU, CCU, operating theaters, emergency centers, family care and the like.</b>                               |
| <b>18.Optional wall bracket, mobile stand, visits backpack.</b>   |

**Standard configuration:**

CCM-9000A patient multi parameter monitor×1 set,  
standard 5-leads ECG conductance joint connecting cables×1 set,  
standard adult blood pressure cuffs×1 set,  
adult SPO2 probe×1 set,  
TEMP probe×1 set,  
power plug line×1 set,  
grounding wire×1 set,  
English operation manual×1 set.  
Three certificates×1 set.

**Optional:**

Build-in rechargeable lithium battery;  
build-in thermal printer;  
monitor mobile stand/ cart.

**Technical parameters**

## **ECG measurement:**

**Leads choices:** All, I, II, III, aVF, aVR, aVL. V1--6 chest leads showed

**Gains options:**  $\times 1$ ,  $\times 2$ ,  $\times 0.25$ , and  $\times 0.5$  four trenches

**Frequency:** 0.5 Hz - 100 Hz

**Common-mode signal inhibition:** More than 70 dB

**Scan rate:** 12.5 mm / S, 25 mm / S, 50 mm / S standard three stalls.

**HR:**  $\pm 5$  bpm

**Precision calibration signal:** 1mv(peak,  $\pm 3\%$  accuracy)

**ST Detection:** measurement range (-1.0mV---+1.0mV)

**Using Standard:** meet the ANSI / AMI EC13 -2002 standard

**Response time:** 1s

**Alarm:** Sound and Light

**Preset heart rate range:** (Alarm over preset numerical)

**Ceiling:** 1-255 bpm adjustable

**Threshold:** 0-254 bpm adjustable

## **NIBP measurement**

**Technology:** Oscillography

**Mode:** manual / automatic

**Measurement units:** mmHg / kPa

**Protection:** Double security protection

**A measurement time:** less than 45 S

**Scope:** Pressure Cuffs 0-250 mmHg

**Blood pressure measurement accuracy:** ANSI / AAMI, SP10-2002 standard error and standard deviation of the average value of the initial

**Inflatable cuffs:** 180 mmHg (children 120mmHg)

**Inflatable cuffs follow:** original SBP: + 30 mmHg

**Blood pressure measuring range:**

**Systolic blood pressure:** 60-250 mmHg

**Diastolic blood pressure:** 40-220 mmHg

**Pressure on the average:** 45-235 mmHg

**Response time:** 1s

**Alarm:** Sound and Light

**Preset range:** report (Numerical exceed preset alarm)

**Systolic blood pressure** maximum: 1-255 mmHg adjustable

**Threshold:** 0-254 mmHg adjustable

**Diastolic blood pressure** ceiling: 1 -255 mmHg adjustable

**Minimum standards:** 0-254 mmHg adjustable

**Use standard:** compliance with the ANSI / AAMI SP10-2002 standard

## **Spo2 measurement**

**Range: 0-100%**

**Accuracy: 1%**

**Resolution: 1%**

**Pulse frequency: 20-250 times / min**

**Response time: 1s**

**Alarm: Sound and Light**

**Preset range: (report Alarm over preset numerical)**

**Ceiling: 1% - 100% adjustable**

**Threshold: 0% - 99% adjustable**

## **TEMP measurement:**

**Technology: thermostat temperature probe**

**Measuring range: 20 ° C-45 ° C**

**Temperature resolution: 0.1%**

**Accuracy:  $\pm 0.1$  ° C**

**Response Time: 1s**

**Alarm: Sound and Light**

**Preset range: report (numerical preset alarm over)**

**Maximum: 20.1 ° C-45.5 ° C adjustable**

**Threshold: 20 ° C-45.4 ° C Adjustable**

## **RESP Breath**

**Breathing frequency range: 0-60 bum**

**Accuracy:  $\pm 1$ rpm**

**Response time: 1s**

**Gains options:  $\times 1$ ,  $\times 2$ ,  $\times 4$ , and  $\times 0.5$  four trenches**

**Alarm: Sound and Light**

**Alarm range: (numerical preset alarm over)**

**Ceiling: 10-100 bpm adjustable**

**Threshold: 0 -99 bpm adjustable**

## **Printer(Optional)**

**Specification: Dual channel thermal array data recorder**

**Print mode: Real time or event triggered record waveform and text**

**Accuracy: horizontal: 400dpi vertical: 800dpi**

**Annotation: Date/ time(24 hours)**

**Optional wall bracket, mobile stand, visits backpack.**

## **System**

**Screen:12.1 inches TFT screen of LCD**

**Battery: lead acid**

**Safety standard: lec601-1(GB9706.1)**