



# PC-3000A

Multi-parameter Patient Monitor

## NIBP

Technique	Oscillometric
Cuff pressure range	0 mmHg ~ 300mmHg
Pressure precision	±3mmHg
Cuff inflation time	<10 seconds (typical adult cuff)
Overpressure protection	Adult/Pediatric 300mmHg Neonate 140mmHg
BP measuring range	Systolic pressure Adult 40mmHg~255mmHg Pediatric 40mmHg~200mmHg
Mean arterial pressure	Adult 20mmHg~215mmHg Pediatric 20mmHg~165mmHg
Diastolic pressure	Adult 10mmHg~195mmHg Pediatric 10mmHg~150 mmHg
BP measuring accuracy	Maximal mean difference ±5 mmHg
Maximal standard deviation	8 mmHg
Measurement mode	Manual, Auto, STAT

## TEMP

Measuring range	25.0°C~45.0°C
Measuring accuracy	±0.2°C
Responding time	≤150s
Quick temp(optional)	<20s(skin), <2s(ear)

## SpO<sub>2</sub>

Transducer	Dual-wave length LED
SpO <sub>2</sub> measuring range	35%~100%
Low perfusion capability	0.4%~5%
SpO <sub>2</sub> measuring accuracy	Arms less than 3% for SpO <sub>2</sub> range from 70% to 100%
Low perfusion performance	0.4%
PR measuring range	30bpm~240bpm
PR measuring accuracy	±2bpm or ±2%, whichever is greater

## ECG

Input dynamic range	±0.4mVp~±5mVp
HR measuring range	20bpm~300bpm
HR measuring accuracy	±1% or ±2bpm, whichever is greater
HR alarm delay time	≤10s
Sensitivity selection	×1/2, ×1, ×2, tolerance ≤5%
Sweeping speed	12.5mm/s, 25mm/s, 50mm/s, tolerance ≤10%
ECG noise level	≤30μVp-p
ECG input loop current	≤0.1μA
Input impedance	≥5MΩ
Common-mode rejection ratio	≥89dB
Time constant	≥0.3s (Monitoring mode) ≥3.2s (Diagnostic mode)
Frequency response	0.5Hz~40Hz (Monitoring mode) 0.05Hz~75Hz (Diagnostic mode)

## RESP

RR measuring range	0rpm~120rpm
RR measuring accuracy	±5% or ±2 rpm, whichever is greater

## Others

Power supply	100~240VAC, 50/60Hz
Rechargeable Li-ion battery	14.8V 2200mAh
Display	7 inches TFT color LCD with 800x480 pixel
Alarming	Audible & visual alarm
Communication	Serial/ Ethernet

## Standard Configuration

ECG, RESP, SpO<sub>2</sub>, NIBP, TEMP, PR

## Option

Trolley, Wall-mount,  
Central monitoring system, External printer

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your health, our concern



**CMI Health Inc.**  
5975 Shiloh Road, Suite 114, Alpharetta, GA 30005  
Tel: 1-678-389-3280 Fax: 1-866-222-0128  
www.cmihealth.com info@cmihealth.com





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### FEATURES

- 7" high resolution color TFT display
- Arrhythmia analysis and ST segment analysis
- Up to 800 groups data record storage
- 1000-hour data trends for all parameters with graphic and list view
- Compact size with net weight 3.0kg only
- 2000 groups of event data storage
- 100 groups of arrhythmia events data with corresponding HR, TEMP, CO<sub>2</sub>, SpO<sub>2</sub>, and RESP value
- Protection against defibrillator interference
- Adult / Infant measurement modes
- Visual and audible alarms
- Optional with quick TEMP measurement

### PRODUCT ACCESSORIES



Battery

NIBP Cuff

SpO<sub>2</sub> Sensor

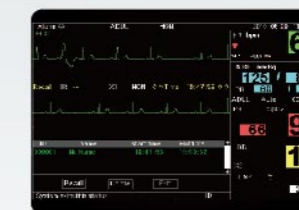
ECG Leadwire



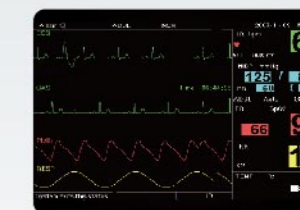
Big number display for remote view



Trend review for all parameter



Stored ECG recall with waveform



6 parameter simultaneously display



Optional Quick TEMP measurement



Built-in rechargeable battery



External printer optional



Optional trolley