



PC-3000

Multi-parameter Patient Monitor

NIBP

Technique	Oscillometric
Measurement range:	
Systolic:	40~260mmHg(adult), 40~230mmHg(pediatric) 40~130mmHg(neonate)
Diastolic:	20~200mmHg(adult), 20~160mmHg(pediatric) 20~100mmHg(neonate)
MAP:	26~220mmHg(adult) 26~183mmHg(pediatric) 26~110mmHg(neonate)
Measurement accuracy:	average deviation $\leq \pm 5$ mmHg standard deviation ≤ 8 mmHg
Measurement mode:	manual, automatic

TEMP

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

SpO₂

Transducer	Dual-wave length LED
SpO ₂ measuring range	35%~100%
Low perfusion capability	0.4%~5%

SpO ₂ measuring accuracy	Arms less than 3% for SpO ₂ range from 70% to 100%
Low perfusion performance	0.4%
PR measuring range	30bpm~240bpm
PR measuring accuracy	± 2 bpm or $\pm 2\%$, whichever is greater

ECG

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

RESP

RR measuring range	0rpm~120rpm
RR measuring accuracy	$\pm 5\%$ 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, SpO₂, NIBP, TEMP, PR

Option

CO₂ , Nellcor SpO₂ , Trolley, Wall-mount , SunTech NIBP
Central monitoring system, External printer

your health, our concern

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FEATURES

- 7" high resolution color TFT display
- Arrhythmia analysis and ST segment analysis
- Up to 12000 groups data record storage
- 60-hour ECG waveform storage and recall
- 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
- 2000 groups of arrhythmia events data with corresponding HR, TEMP, CO₂, SpO₂, and RESP value
- Protection against defibrillator interference
- Adult / Infant measurement modes
- Visual and audible alarms

PRODUCT ACCESSORIES



Battery



NIBP Cuff



ECG Leadwire



SpO₂ Sensor



Big number display for remote view



7 ECG leads simultaneous display



Short trend & waveform display



3 channel ECG amplification



Optional Quick TEMP measurement



Built-in rechargeable battery



External printer optional



Optional trolley