

Technical Specifications



HM-1200 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	15.0°C~45.0°C
Measuring accuracy	± 0.2 °C

SpO₂

Transducer	Dual-wave length LED
SpO ₂ measuring range	35%~100%
SpO ₂ measuring accuracy	Arms not greater than 3% for SpO ₂ range from 70% to 100%
Low perfusion performance	As low as 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	≤ 30 μ Vp-p
ECG input loop current	≤ 0.1 μ 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	100~250Vac, 50/60Hz
Power consumption	<80 VA
Display	12.1 inches TFT color LCD
Alarming mode	Audible-visual alarm
Networking port	Ethernet port

Standard Configuration

ECG, RESP, SpO₂, NIBP, TEMP, PR

Option

IBP, EtCO₂, Built-in printer, Nellcor SpO₂, Trolley, Wall-mount, SunTech NIBP
Central monitoring system, C/O, CSM, Anesthetic Gas

your health, our concern



FEATURES

HM 1200 Multi-Parameter Patient Monitor

- 12.1" high resolution color TFT display
- Arrhythmia analysis and ST segment analysis
- Up to 800 groups data record storage
- 24-hour ECG waveform data storage and recall
- 480-hour data trends for all parameters with graphic and tabular view
- 7 ECG lead waveforms simultaneously display
- Protection against defibrillator interference
- Adult / Pediatric measurement modes
- Visual and audible alarms; Networking capability
- Upgradable to C/O, CSM, Anesthetic Gas(PhaseII)

PRODUCT ACCESSORIES



Battery



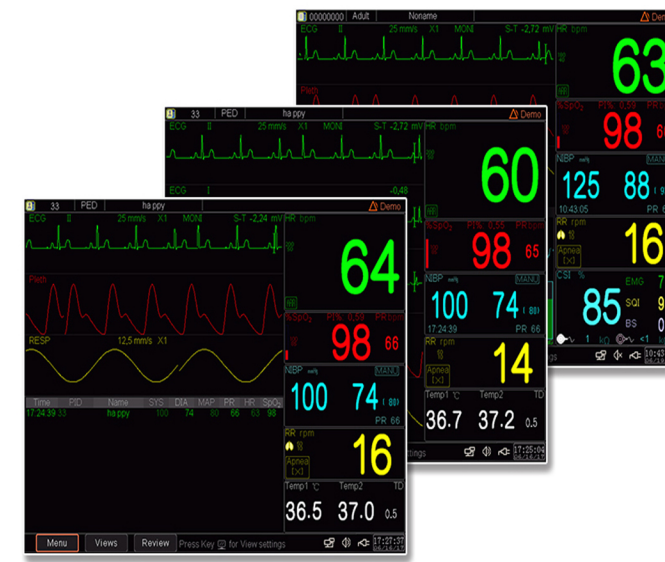
NIBP Cuff



ECG Leadwire

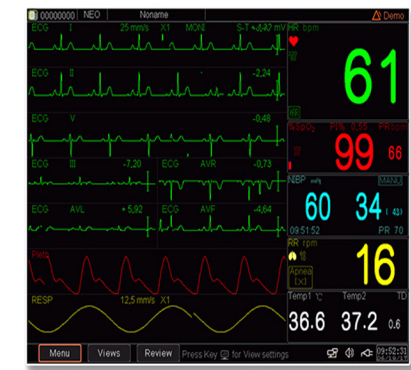


SpO₂ Sensor

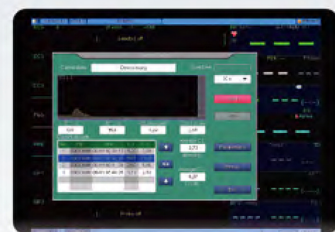


Customized display of parameters

9-waveform display simultaneously



Big number display for remote view



Cardio Output



Simultaneous display of 7 ECG leads



Rechargeable and removable battery

5 kinds of Calculation: Oxygenation Calculation, Renal Function Calculation, Ventilation Calculation, Medication Calculation, Hemodynamic Calculation

