



HM9000FP-H

Description:

Displayer: 8.4" color TFT LCD screen with maximum 7-waveform display.
Adjusting of lightness continuously make patient more comfortable in midnight



Parameters:

- Displayer: 8.4" color TFT LCD screen with maximum 7-waveform display. Adjusting of lightness continuously make patient more comfortable in midnight
- Battery: Rechargeable high-energy built-in battery
- Advanced streamline outline design, portable, compact, lightweight
- Operating menu with multi-language interface selection: English, Spanish, Portuguese, Chinese, French, Arabic, Russian, etc.
- Easy operation with user friendly menu structure design and rotary dial
- Against electrosurgical interference and defibrillation and no need to disconnect the monitor from the patient in process of defibrillating.
- WAN communication function to network with central monitoring system and make long- distance monitoring, diagnosis, aintenance and software upgrade posible
- Optional built-in wireless networking function
- Support external printer to record graph and trend
- Intelligent audio and visual comprehensive alarm
- In-hospital applications include emergency pre-and post-operative care, ambulatory surgery, intermediate care/step down units, labor and delivery, and hospital-based special procedure areas.
- Suitable for use in physicians' offices, clinics, outpatient surgical centers, extended care facilities and other patient care areas, which of require affordable monitoring.

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Standard configuration: ECG, HR, PR, SpO₂, ST analysis, RESP*2 (RA-LL impedance and nasal cavity), NIBP (with venous punch), TEMP*2(surface and rectal type), Drug dose calculation.

Optional configuration: Wireless connection, Recorder and, 2-IBP

Technical Parameter

Respiration Rate (RA-LL impedance and nasal cavity)

Measurement range: 0 – 120 BPM (adult)

Accuracy: ± 1 BPM

or 5 % Resolution: 1
BPM

Environment

	Operation	Storage
Temperature	0.5 – 40 °C	-20 – 50
°C Relative humidity	$\leq 80\%$	

Pulse Rate

SPO₂ measurement range: 0 – 100 %

Resolution: 1 %

Pulse measurement range: 30– 254BPM

Accuracy: ± 2 %

Resolution: 1 BPM

Temperature (surface and rectal)

Measurement range: 25.0 – 45.0 °C

Accuracy: ± 0.1 °C

Resolution: 0.1 °C

response time: ≤ 3 min

ECG

Input: 5 wires ECG cable

Lead section:I,II,III/ aVR, aVL, aVF/ V

Gain (mm/mV) : 1/4, 1/2, 1, 2, 4

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Frequency response: Diagnosis 0.05 – 100Hz

Monitor 0.5 – 40 Hz

Surgery 1.0 – 25 Hz

Sweep speed(mm/sec): 12.5, 25, 50 Heart rate range: 30–254

BPM Heart rate accuracy: $\pm 1\%$

ST segment deviation analysis: -0.8 – $+0.8$ mV

ST accuracy: ± 0.02 mv

Power requirements

Input: 98~260 V AC, 50/60Hz

Consumption: ≤ 80 VA

NIBP (Non-invasive blood pressure)

Measurement type : adult, pediatric, neonatal

Measurement range: Systolic 4.0 – 37.0 kPa

Diastolic 1.3 – 33.0 kPa

Mean 2.6 – 35.0 kPa

Accuracy : ± 0.4 kPa or 5

% Resolution: 0.1 kPa

Protection: over pressure

IBP (Invasive blood pressure) (with venous punch) (Option)

Measurement range: -1.3 ~ 40 kPa ($-$

0 ~ 300 mmHg) Channel: 2 channel

Transducer sensitivity: 5MV/V/mmHg

Unit display: KPa or mmHg selectable

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