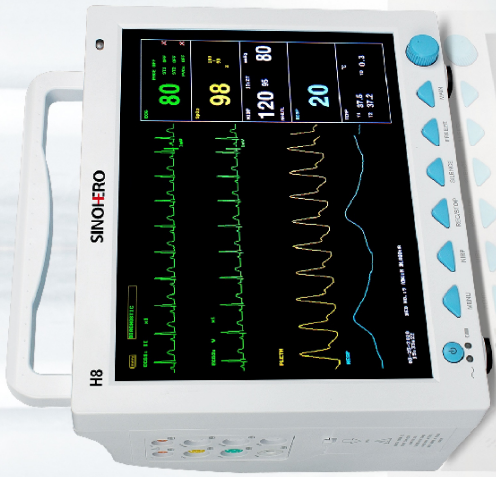


# PORTABLE PATIENT MONITOR

touching for life



H8

## Features:

- Pitch tone to provide audibly recognized SpO2
- Most Popular Basic 5 parameters( ECG, RESP, NIBP, SpO2, TEMP) to reach general clinical needs
- 12.1" TFT display, easy to view, Full Touch Screen as option
- Arrhythmia and ST analysis to provide rapid cardiac diagnosis
- Up to 480-hour trend to review previous patient data
- Drug calculation and titration, useful clinical tools
- NO Fan design suitable for night time operation and saving energy



0123

**SINOHERO**

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touching for life

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 PEOPLES REPUBLIC OF CHINA  
 Version: V1.2

## Technical Specification

### Standard configuration of H8:

ECG,HR,RESP,SpO2, NIBP, 1-TEMP, Lithium Battery

### Optional parameter& configuration of H8:

2-TEMP, Thermal recorder, SideStream EICO2, MainStream EICO2, Full Touch Screen,IBP

#### Size and Weight

- Product size: 31.8x26.4x15.2cm
- Packing size: 36x38x25cm
- Net weight: 4.5kg
- Gross weight: 6.5kg

#### Power supply

- Power Voltage: AC 100-240V 50/60Hz
- Power Input: ≤85VA
- Safety class: Category I

#### Display

- 12.1" Color TFT display
- Resolution: 800x600 pixels or higher

#### Battery

- Type: Rechargeable Lithium battery
- Operating time under the normal use and full charge: ≥120minutes

#### Thermal Recorder

- Method: Thermal dot array
- Paper width: 50mm(1.97 in)
- Paper Speed: 12.5/25/50(single track or tri-track mm/sec)
- Traces: Single track or Tri-track

#### Alarm

- Three Levels: Low, medium and high
- Indication: Auditory and visual
- Setup: Default and custom
- Silence: All alarm can be silenced
- Volume: 45-85 dB measured at 1 meter

#### Storage & Reviewing

- Trend: 480-hour tabular and graphic trends & data

storage  
 - NIBP: ≥2400 groups NIBP measurement data

#### ECG

- Lead mode: 5-lead or 3-lead selectable
- Leads selection: I, II, III, avR, avL, avF, Vx, CAL
- Sweep speed: 12.5mm/s, 25mm/s, 50mm/s
- Accuracy: ±1bpm or ±1%, whichever is greater
- Heart beat range: Adult:15-300bpm  
 Pediatric/Neonatal: 15-350 bpm

#### HR

- Range: Adult:10-300bpm  
 Pediatric & Neonate: 10-350bpm
- Refreshing time: ≤50 bpm Per2 pulses  
 50-120bpm per 4 pulses  
 ≥120bpm per 6 pulses
- Resolution: 1bpm
- Accuracy: ±1% or ±1 bpm, whichever is greater

#### ST segment

- Measurement range: -2.0mV-2.0mV
- Resolution: 0.01mV

#### RESP

- Method: RA-LL impedance
- Measurement range: Adult: 0-120bpm  
 Pediatric/Neonatal: 0-150bpm

#### Apnea alarm: YES

#### NIBP

- Method: Automatic oscillometry
- Range of measurement:  
 Adult: 10-270mmHg  
 Child: 10-235mmHg  
 Neonate: 10-135mmHg
- Accuracy: Static:±2% or ±3mmHg, whichever is greater

Unit: mmHg, kPa

- Over-pressure protection: YES

#### Standard SpO2 ( Digital )

- Measurement Range: 0-100%
- Accuracy: A70-100%, ±2%  
 A0-69%, unspecified

#### PR

- Measurement Range: 25-300bpm
- Accuracy: ±1% or ±1bpm, whichever is greater

#### TEMP

- Measurement Range: 25.0°C-50.0°C
- Accuracy: ±0.2°C (exclusive of probe)
- Unit: Celsius(°C), Fahrenheit(°F)
- Connecting cable: Compatible with YSI-400 serial

#### IBP

- Channel : 2
- Label: ART, PA, CVP, RAP, LAP, ICP, P1, P2
- Measuring and alarm range: -50-350mmHg
- Press Sensor
- Sensitivity: 5 uV/mmHg    Impedance: 300-3000Ω
- Resolution : 1mmHg
- Accuracy: ±2% or 1mmHg which great
- Actualization Interval: about 1 Sec

#### Environment

- Operating temperature: 0-40°C
- Transportation and Storage temperature: -20°C to +50°C
- Relative humidity: Working ≤85%  
 Transportation and storage ≤93%
- Atmospheric pressure: 860hPa to 1060hPa  
 Transportation and storage 500-1060 hPa
- Analyze function
- Lan or wireless function
- 7 waveforms on the screen

Specification subject to be changed without prior notice.