

# H8

## Portable Patient Monitor



- Most Popular Basic 5 parameters (ECG, RESP, NIBP, SpO2, TEMP) to reach general clinical needs
- Bright 12.1" TFT display, easy to view, Full Touch Screen as option
- Arrhythmia and ST analysis to provide rapid cardiac diagnosis
- Pitch tone to provide audibly recognized SpO2
- 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

## Size and Weight

- Size: 318mm×264mm×152mm
- Weight: 4.5kg

## Power supply

- Power Voltage: AC 100-240V 50/60Hz
- Power Input:  $\leq 85VA$
- 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:  $\geq 120$  minutes

## Thermal Recorder

- Method: Thermal dot array
- Paper width: 50mm (1.97 in)
- Paper Speed: 12.5/25/50 (mm single track or tri-track m/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:  $\geq 2400$  groups NIBP measurement data

## ECG

- Lead mode: 5-lead or 3-lead selectable
- Lead selection: I; II; III; aVR; aVL; aVF; Vx; CAL
- Sweep speed: 12.5 mm/s, 25mm/s, 50mm/s
- Accuracy:  $\pm 1$  bpm or  $\pm 1\%$ , whichever is greater
- Heart beat range: Adult: 15~300 bpm  
Pediatric/Neonatal: 15~350 bpm

## HR

- Range: Adult 10~300bpm  
Pediatric & Neonate: 10~350bpm
- Refreshing time:  $\leq 50$  bpm Per 2 pulses  
50~120bpm per 4 pulses  
 $\geq 120$  bpm per 6 pulses
- Resolution: 1bpm
- Accuracy:  $\pm 1\%$  or  $\pm 1$  bpm, whichever is greater

## Standard configuration of H8:

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

## Optional parameter & configuration of H8:

2-TEMP, Thermal recorder, IBP, SideStream EtCO2, MainStream EtCO2, Full Touch Screen

Specification subject to be changed without prior notice.

## ST segment

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

## RESP

- Method: RA-LL impedance
- Measurement range: Adult: 0~120rpm  
Pediatric/neonatal: 0~150rpm
- Apnea alarm: YES

## NIBP

- Method: Automatic oscillometry
- Range of measurement:  
Adult: 10~270mmHg  
Child: 10~235mmHg  
Neonate: 10~135mmHg
- Accuracy: Static:  $\pm 2\%$  or  $\pm 3$  mmHg, whichever is greater
- Unit: mmHg, kPa
- Over-pressure protection: YES

## Standard SpO2 (Digital)

- Measurement Range: 0~100%
- Accuracy: At 70~100%,  $\pm 2\%$   
At 0~69%, unspecified

## PR

- Measurement Range: 25~250bpm
- Accuracy:  $\pm 1\%$  or  $\pm 1$  bpm, whichever is greater

## TEMP

- Measurement Range: 25.0°C~50.0°C
- Accuracy:  $\pm 0.2^\circ\text{C}$  (exclusive of probe)
- Unit: Celsius (°C), Fahrenheit (°F)
- Connecting cable: Compatible with YSI-400 serial

## Environment

- Operating temperature: 0~+40°C
- Transportation and Storage temperature: -20°C to +50°C
- Relative humidity: Working  $\leq 85\%$   
Transportation and storage  $\leq 93\%$
- Atmospheric pressure: 860hPa to 1060hPa  
Transportation and storage 500-1060 hPa



**Sino-Hero (Shenzhen) Bio-Medical Electronics Co., LTD.**

Address: Second Floor, First Building, Wonderful Life Wisdom Valley, YingRenShi Community,  
ShiYan Sub-District, BaoAn District, ShenZhen 518108, P. R. China

Tel: +86-755-26408541

Fax: +86-755-26420566

Email: sales@sinoheromed.com



www.sinoheromed.com

ENG-H8-20180101