



# SP-J18/SP-J18V

## Multi-parameter Monitor

SP-J18

SP-J18V

### Application

Superstar SP-J18/SP-J18V multi-parameter monitor has an 18.5-inch large TFT, LCD touch screen, it has rich functions, and can be used for adults, children, and newborns in operating rooms, postoperative observation rooms, ICU/CCU wards, emergency rooms, etc. clinical monitoring. (Such as ECG, RESP, SpO<sub>2</sub>, PR, HR, NIBP, TEMP, ETCO<sub>2</sub>, etc.) can be accurately monitored. Users can choose different parameter configurations according to different needs.

Backup battery, can work continuously for more than 120 minutes in case of power outage

### Features

- 18.5 inch color TFT LCD touch screen, support USB mouse operation
- Multi-interface selection: standard interface, 7-lead ECG full-screen interface, 7-lead ECG half-screen interface, OxyCRG, dynamic short-trend chard interface, big character
- Fast recovery of ECG abnormality less than 2s, support for anti-motion interference and anti-cardiac filter ringing interference.
- 19 alarming modes, with dual front and rear alarm lights synchronized and adjustable alarm sound level.
- Consistency deviation of NIBP measurement within  $\pm 5$ mmHg, shorten about 20 seconds measurement time, and the high-precision AD meeting the full-scale measurement range.
- Low perfusion SpO<sub>2</sub> algorithm, measurement index reaching to 0.075%, and outstanding motion resistance.

# TECHNICAL SPECIFICATION

## Working conditions

Ambient temperature range	5°C~40°C
Relative humidity range	≤80°C
Atmospheric pressure range	860 hPa ~ 1060 hPa
External power supply	AC input 100 V -240 V~ frequency 50 Hz/60 Hz
Input power	DC output 14.8V 2850mAh

## Alarm and protection

High limit alarm of Heart rate
Low limit alarm of Heart rate
High limit alarm of Respiratory rate
Low limit alarm of Respiratory rate
High blood pressure alarm
Low blood pressure alarm
High limit alarm of blood oxygen saturation
Low limit alarm of blood oxygen saturation
High limit alarm of Pulse rate
Low limit alarm of Pulse rate
High and low limit alarm of T1 (Temperature probe)
High and low limit alarm of T2 (Temperature probe)
High limit alarm of ET/CO <sub>2</sub> gas concentration
Low limit alarm of ET/CO <sub>2</sub> gas concentration
High limit alarm of Airway breathing rate
Low limit alarm of Airway respiratory rate
Apnea alarm

## Main technical parameters

Heart Rate (HR) Monitoring	Adult: 15 bpm to 300 bpm Pediatric: 15 bpm to 350 bpm
Respiratory rate (RR) monitoring	0 rpm~120 rpm
Blood pressure monitoring	
Systolic blood pressure (SYS)	Adult: 40 mmHg-270 mmHg Pediatric:40 mmHg-200 mmHg
Mean pressure (MEAN)	Adult:20 mmHg-230 mmHg Pediatric:20 mmHg-165 mmHg
EtCO <sub>2</sub>	Adult: 0 % ~ 19.7 % Pediatric: 0 % ~ 19.7 %
Blood oxygen saturation (SpO <sub>2</sub> ) monitoring	0% to 100%
Pulse rate (PR) monitoring	25 bpm~250 bpm
Body temperature (TEMP) monitoring	0°C~50°C
End-tidal CO <sub>2</sub> gas concentration monitoring	0%~19.7%
Airway respiration rate monitoring	0 rpm~150 rpm

## Monitoring function

Electrocardiogram monitoring (ECG)
Respiratory Rate Monitoring (RESP)
Non-invasive blood pressure monitoring (NIBP)
Blood oxygen saturation monitoring (SpO <sub>2</sub> )
Pulse rate monitoring (PR)
Temperature Monitoring with dual-channel (TEMP)
Airway respiratory rate monitoring
Optional: EtCO <sub>2</sub> (Mainstream or Sidestream), C.O., IBP, CSM, AG. etc

## Original part



Multi-parameter monitor



TEMP probe



NIBP tube and cuff



ECG clip connector lead wire



SpO<sub>2</sub> probe

**Other models for your reference** The picture is for reference only. For more information, please contact Superstar Medical sales representatives.



SP-J10



SP-J12



SP-J12H



SP-J15



SP-J15V



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