



DATA SHEET 

Model: ES-JER Li

HANDHELD PULSE OXIMETER

Features

- Handheld, compact, easy for carrying and handling
- Intelligent parameter monitoring interfaces, measuring SPO₂, PR & PLETH
- Clear and bright 2.8inch color OLED in real time display, displayable in big font and big screen
- Long time monitoring
- Audio and visual alarm when parameter exceeded and sensor-off
- Built-in rechargeable Li-ion battery, up to 15-hour running time
- Battery capacity indicator. Automatic shutdown for power saving
- Pitch Tone: An audible bleep should sound for each heartbeat, the pitch of which should vary with the oxygen saturation.

Specification:

1. General

Monitoring Parameters: SpO₂, PR, PLETH, Pulse strength
Signal sockets: SpO₂ socket USB socket (for charge battery)

2. Display screen

Type: 240 × 320 dot matrix color TFT LCD screen
Display area: 43mm×58mm

3. Functions

PLETH: The monitor can display PLETH waveform
Intelligent parameter monitoring screen: The monitor automatically selects the parameter measurements to display according to the probes connected to the monitor.

Audio and visual alarm: The speaker sounds the alarm and the parameter's measurement will become in red to flash on the screen. Also the same when sensor-off.

Prompting: Icons of battery capacity, pulse sound switch and alarm sound switch.

Power saving: The monitor will automatically shut down to save power. The time is settable.

4. Electrical specifications

Working Voltage: D.C. 3.7V/3000mAh
AC power adaptor
Input: AC 100 V~240V, 50/60Hz, 5VA
Output: D.C. 5V 1A

Internal battery

Type: D.C. 3.7V/3000mAh Li-ion rechargeable battery

Run Time: 15-hour continuous operation with a new, fully charged battery (environment temperature is 25°C)

Recharge time: 8 hours

5. Environment

Temperature

Operation: 0°C~45°C

Transportation and storage: -20°C ~ 60°C

Humidity

Operation: 15%-95%(noncondensing)

Transportation and storage: 10% - 95 %

(noncondensing)

Altitude

Operation: 86 KPa ~106 KPa

Transportation and storage: 50KPa~106 KPa

6. Parameter Specifications

SpO2

Patient: Adult, pediatric, neonate

Range: 0% - 100%

Resolution: 1 %

Accuracy: 70% - 99%: ± 2 %

0% - 69%: Unspecified

PR

Range: 0 bpm ~250bpm

Resolution: 1bpm

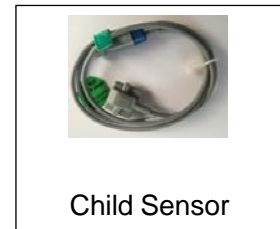
Accuracy: ± 2bpm

Range: 0°C~50°C

Resolution: 0.1°C

Accuracy: ± 0.2°C

Standard Type Accessories	
main unit	1
SpO2 adult finger probe	1
AC charger	1
User manual in English	1



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