ES-JER-III
Vital Signs Patient Monitor

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- **Four parameters: NIBP, SpO2, Pulse rate, Temperature**

- **SpO2 waveform, PR strength display**

- **2.8 inch color LCD with real time display**

- **Storage/review trend data up to 3888 group, data save time interval settable**

- **Audio and visual alarm when parameters exceeded and sesor-off**

- **Built-in rechargeable Li-ion battery, up to 5 hour running time**

- **Automatic shutdown for power saving, shutdown time interval settable**

- **Via USB to connect with the computer, unique software for telemonitoring by transmitting data synchronously via internet**

- **Battery capacity indicator and prompt when battery low**

Technical Features

NIBP

Patient	Adult and pediatric
Measurement method	Oscillometric
Measurement range	Adult 30mmHg~255mmHg Pediatric 30mmHg~160mmHg
Measurement mode	Manual, Auto, STAT
Measurement type	SYS, DIA, MAP
Measuring interval in AUTO mode	1,2,3,5,10,15,20,30,45,60 min
Measuring period STAT mode	5 min
Resolution	1mmHg
Over-pressure protection	Adult 300mmHg Pediatric 220mmHg

Oxygen saturation (Sp02)

Measurement range	0% ~ 100%
Accuracy	±2%(90%-1 00%), ±3%(70%-89%), <70% unspecified
Resolution	1%

TEMP

Channel	1
Input	Body surface thermal-sensitive resistor temperature sensor
Measure range	0℃ ~ 50℃
Accuracy	±0.2℃
Resolution	0.1℃

Alarm

Types	Sensors off alarm and limit exceeded alarm
Mode	The parameters' measurement flashes on the screen, the speaker sounds the alarm and LED flashes on the monitor
Setup	User-adjustable high and low limits

AC power adaptor

Input	AC 100-240V, 50/60Hz, 0.7A
Output	DC 5V, 2.5A

Internal battery

Type	2.8A built-in rechargeable Li-ion battery
Run Time	5 hours of stand-by time with a full battery
Recharge time	8 hours

Pulse Rate

Measurement range	30bpm-250bpm
Accuracy	±1 bpm
Resolution	1 bpm

Storage and Review

Trend data up to 3888 groups, data save time interval settable

Dimensions

WxDxH	280x100x190

Weight

Net Weight	1000g

Display Mode

Type	240x320 dot matrix color TFT LCD screen and LED screen
LCD Display area	44x59 mm
LED Display area	167x79 mm

CE