

## Appendix I Specification

### A1.1 Classification

Type of Protection	Internally powered equipment
EMC Compliance	Class B
Degree of Protection	Type BF-Applied part
Ingress Protection	IPX2
Mode of operation	Continuous measuring and spot checking

### A1.2 Specification

#### A1.2.1 Size and Weight

Size	160 (L)×70 (W)×37.6 (H) (mm)
Weight	165 (g) (without battery)

#### A1.2.2 Environment

Temperature	
Working	5 °C ~ 40 °C
Storage	-20 °C ~ 55 °C
Humidity	
Working	25% ~ 80% (No coagulate)
Storage	25% ~ 93% (No coagulate)

Atmospheric pressure	
Working	860 hPa ~ 1060 hPa
Transport and Storage	700 hPa ~ 1060 hPa

#### A1.2.3 Display

Screen Type	128×64 dot-matrix LCD, with white LED backlight
Big Numeric Mode	SpO <sub>2</sub> , PR and Bar graph displayed
Waveform Mode	SpO <sub>2</sub> , PR, Bar graph and Plethysmogram displayed

#### A1.2.4 Batteries

Power supply	4 Batteries
Battery life is typically	48 hours
Standard match	4 pieces 1.5V AA alkaline batteries;
Compatible with	4 pieces 1.2V Ni-H rechargeable battery; Can not recharge with battery build-in

### A1.3 Parameters

Measurement range	
SpO <sub>2</sub>	0 ~ 100 %
PR	30 ~ 254 bpm

Accuracy Tolerance  
Saturation

Adult and Pediatric ± 2digits (70 ~ 100%)

Neonate	± 3digits (70 ~ 100%)
Motion condition	± 3digits (70 ~ 100%)

Pulse Rate	
Adult and Pediatric	± 3digits
Neonate	± 3digits
Motion condition	± 5digits

Resolution	
SpO <sub>2</sub>	1%
Bpm	1bpm