

VITAL SIGN MONITOR



TECHNICAL SPECIFICATIONS

Quality Standards and Classification

CE, ISO13485

SFDA: Class II b

Anti-electroshock degree:
Class I equipment (internal power supply)

SPO₂ /NIBP: BF

Application Range

Adult/Pediatric/Neonatal/Medicine/Surgery

Display

8" real color TFT screen

Resolution: 800*600

One alarm indicator

One working indicator

One battery charge state indicator

Environment

Operating environment

Temperature: 0~40°C
Humidity: 15%-80%
Pressure: 86.0 kPa- 106.0kPa

Transport and Storage environment

Temperature: -20 ~ 55°C
Humidity: 15%-80%
Pressure: 86.0 kPa- 106.0kPa

Power Requirements

AC: 100-240V, 50Hz/60Hz

DC: Built-in rechargeable battery

Battery:
11.1V 24wh Li-ion battery
2h operating after full charge
5min operating after low battery alarm

NIBP

Method: Oscillometry

Work mode: Manual/ Auto/ STAT

Measure interval in auto mode:
1-5/10/15/30/60/90/120/180/240/480m

Measure period in STAT mode: 5min

PR range: 40~240bpm

Measure & alarm range:

Adult
SYS 40 ~ 280mmHg
DIA 10~220mmHg
MEAN 20~240mmHg

Pediatric
SYS 40 ~ 220mmHg
DIA 10~160mmHg
MEAN 20~170mmHg

Neonatal
SYS 40 ~ 135mmHg
DIA 10~100mmHg
MEAN 20~110mmHg

Static pressure measurement
Range: 0-300mmHg

Accuracy: +3mmHg

Resolution: 1mmHg Accuracy

Max Mean Error: ± 5mmHg
Max Standard Deviation: 8mmHg

Overpressure protection
Adult 300mmHg
Pediatric 240mmHg
Neonatal 150mmHg

Dimension and Weight

164.2mm x 270.2mm x128.7 mm(about)
2.5kg(about)

Package
360*250*290mm 4kg(about)

SpO₂

Range: 0~100%

Resolution

Precision: 70% ~ 100% : ±2%

40%-69% ±3%

Pulse Rate

Measure/alarm range: 20-300bpm

Resolution: 1bpm

Accuracy: ±3bpm

Standard Accessories

NIBP cuff & tube

SpO₂ sensor

Lithium-ion battery

Power cable

Operator's manual

Optional Accessories

Nellcor spo₂

Suntech NIBP