

BS-51D Vital Signs Monitor



> Features:

- Easy button press, access all major functions rapidly.
- Bright, easy-to-read LED numerals.
- 3-level audible and visual alarm.
- Removable & rechargeable battery.
- Digital SPO2, high capacity against interference of ESU, motion & low infusion.
- Wireless or wire communicable with central station system.
- Isolated against defibrillation effect.
- Integrated handle and full mounting solutions.

> Specification:

Technical specifications

Safety: IEC60601 (GB9706)
 Dimension: 256mm (W) x 209mm (H) x 170mm (D)
 Weight: 3.5 Kg (with battery)
 Power Supply : 100~240V; AC: 47~63 Hz
 12VDC
 Patient Range: Adult, Pediatric and Neonatal

Display

LED: systolic, diastolic, mean pressure, SpO2, Pulse rate, temp.
 4" FSTN LCD: Resolution: 320*240
 Indicator:

- Alarm indicator
- Battery indicator
- Patient type indicator
- Mute indicator
- NIBP measuring indicator
- Pulse quality indicator

NIBP

Method: Automatic oscillometric
 Operation Modes: Singles (manual), Cycle (automatic), Rapid (continuous)
 Measurement : Systolic pressure/diastolic pressure/mean
 Resolution: 1mmHg
 Range: Adult: 10-270mmHg
 Pediatric: 10-235mmHg
 Neonate: 10-135mmHg
 Accuracy: ± 3 mmHg (static)
 Unit: mmHg / KPa selectable
 Auto Measurement: 1,2,3,4,5,10,15,20,30,45,60,90 minutes,
 2,4,8,12 hours
 Over-pressure protection: Yes

Digital SPO2 (Pulse Oximetry)

Range: 0-100%
 Resolution: 1%
 Accuracy: $\pm 2\%$ (70%~100%); $\pm 3\%$ (35%~69%); Unspecified (0~34%)



Top Handle

Rear Interfaces

Recorder



Pulse Rate

Range : 25~250BPM
 Resolution: 1 BPM
 Accuracy: ± 1 BPM or $\pm 1\%$ (whichever is bigger)

TEMP

Range and Accuracy : 0~50°C, ± 0.1 °C (25°C~50°C)
 Resolution : 1mmHg
 Unit : Celsius, Fahrenheit

Alarm

Level: 3-level, low, medium & high
 Indication: sound and light
 Setup: Default & Custom
 Silence: all alarms can be silenced

Review

48 hours trend data
 1200 groups of NIBP measuring data review

Environment Conditions

Temperature:

Operation 0°C-50°C
 Storage / Transportation : -40°C-70°C

Humidity:

Operation: 10%~95%, non-condensing
 Storage / Transportation : 0%~93% non-condensing

Atmospheric Pressure:

Operation: 700~1060hPa,
 Storage / Transportation : 500~1060hPa

Standard configuration

NIBP, SPO2, PR, TEMP, Battery

Major Options

Thermal Recorder, Nellcor SPO2

* Specification subject to be changed without notice