

NC3

Vital Signs Monitor



Specially designed for patient spot checks of basic vital signs; NIBP, SpO2, Temperature and Heart Rate. Ear temperature measurement technology, providing readings within 2-3seconds, with Wi-Fi transfer to the NC3 monitor. Powerful > 12hrs battery life, high resolution display; simple and elegant, compact and lightweight; Aesthetics and technology in one.

Features

- Equipped with easy-to-use features: NIBP, SpO2, Temp
- Virtually instantaneous measurement of body temperature
- Simple, elegant, lightweight and compact
- Portable operation time-up to 12 hours
- Large font display
- Ant-oxidative & wearproof material
- 6 Inch LED backlight LCD display

- Liquid Protection Graded to IPX1
- Precision & Robust Design; can withstand 1.2M drop test
- 50 groups of data storage

Optional

1. Roll Stand
2. IR Ear Thermometer
3. Masimo SpO2
4. Nellcor SpO2

Technical Specification **NC3**

Standard Configuration

- Nellcor SpO₂ NIBP

Optional

- Ear TEMP ,Masimo SpO₂

Safety Standards

- ISO 13485:2003 approved, CE marking according to MDD93/42/EEC
- Patient type: Adult, Child, Neonate

Physical Characteristics

- Product Size: 130mm x 125mm x 219mm
- Net Weight: 1.25kg standard configuration

Display

- Type: 6" LED
- Resolution: 800x600

Operation Environment

- Temperature: 0-40c
- Humidity: 15-85%

Power requirement

- AC Volatage: AC100-250V, 50/60Hz

Battery:

- Battery Type: Rechargeable Lithium-ion battery
- Battery Capacity: 4400mA
- Continously working time: 12 hours
- Battery Recharging Time: Maximum 3.5 hours for charging; Date storage
- NIBP Recall: 50 groups
- Interface:
 - RS-232 Ethernet interface
 - AC interface
 - Grounding pole
 - Multi-function interface to connect with sub-monitor and plugin slot

Nellcor SpO₂

- Measurement & alarm range: (0-100) %
- Resolution: 1%
- Accuracy:
 - ±2% (70-100%, MAX-A, MAX-AL, MAX-N, MAX-P, MAX-I and MAX-FAST sensors)
 - ±3% (70-100%, D-YS, DS-100A, OXI-A/N and OXI-P/I sensors)

- 0-69% unspecified
- PR Measurement Range: 20-300bpm
- Resolution: 1bpm
- Accuracy: ±3bpm
- Alarm range: 20-250bpm

Masimo SpO₂

- Measurement & alarm range: 1-100%
- Resolution: 1%
- Accuracy:
 - ±2% (70-100%, Ped, non-motion)
 - ±3% (70-100%, Neo, non-motion)
 - 0-69% unspecified
- Alarm range: 0-100%
- Pulse rate:
 - Range: 25-240bpm
 - Resolution: 1bpm
 - Accuracy: ±3bpm(non-motion)
 - ±5bpm(motion)
 - Alarm range: 25-240bpm

NIBP

- Method: Automatic oscillometric
- Work mode: Manual/Automatic/Continuous
- Measurement Unit: mmHg / Kpa selectable
- Measurement types: Systolic, Diastolic, Mean
- Range of systolic pressure:
 - Adult Mode:40-270mmHg
 - Pediatric Mode:40-200mmHg
 - Neonate Mode 40-135mmHg
- Range of diastolic pressure:
 - Adult Mode:10-215mmHg
 - Pediatric Mode:10-150mmHg
 - Neonate Mode 10-100mmHg
- Range of mean pressure:
 - Adult Mode:20-235mmHg
 - Pediatric Mode:20-165mmHg
 - Neonate Mode 20-110mmHg
- Over-pressure protection: both Hardware and software over pressure protection
- Accuracy: Less than ±5mmHg
- Resolution: 1mmHg
- PR from NIBP: 40-240bpm

Ear Thermometer

- Measurement range: 34-42.2°C
- Resolution: 0.1°C
- Accuracy: ±0.2°C (without probe)
- Channel: T1, T2, TD