

# Vital Signs Monitor NC3



## Standard Configuration

Comen SpO<sub>2</sub>, NIBP

## Optional:

Ear TEMP, Masimo SpO<sub>2</sub>, Nellcor SpO<sub>2</sub>

## Safety Standards

ISO 13485:2003 approved, CE marking according to MDD93/42/EEC

**Patient type** Adult, Child, Neonate

## Physical Characteristics

Product Size: 130mm×125mm×219mm

Net Weight: 1.25kg (standard configuration)

## Display

Type: 6" LED, code display

## Operation Environment

Temperature: 0-40°C

Humidity: 15%-95%

## Power requirement:

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

## Battery:

Battery Type: Rechargeable Lithium-ion battery

Battery Capacity: 2200mAh

Continuously 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 plug-in slot

## Comen SPO<sub>2</sub>

Measurement & alarm range: 0~100%

Resolution: 1%  
Accuracy:  $\pm 2\%$  (70~100%, Ped, non-motion)  
 $\pm 3\%$  (70-100%, Neo, non-motion);  
0-69% unspecified  
Pulse rate: Range: 20-254bpm  
Resolution: 1bpm  
Accuracy:  $\pm 3\text{bpm}$ (non-motion)  
 $\pm 5\text{bpm}$ (motion)

#### Nellcor SpO<sub>2</sub>

Measurement & alarm range: 0~100%  
Resolution: 1%  
Accuracy:  $\pm 2\%$  (70-100%, MAX-A, MAX-AL, MAX-N, MAX-P, MAX-I and MAX-FAST sensors);  
 $\pm 3\%$  (70-100%, D-YS, DS-100A, OXI-A/N and OXI-P/I sensors);  
0-69% unspecified

PR Measurement Range: 25~300bpm  
Resolution: 1bpm  
Accuracy:  $\pm 3\text{bpm}$

#### Masimo SpO<sub>2</sub>

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

#### NIBP

Method: Automatic oscillometric  
Work mode: Manual  
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  $\pm 5\text{mmHg}$   
Resolution: 1mmHg  
PR from NIBP: 40-240bpm

#### Ear Thermometer

Measurement range: 34-42.2°C  
Resolution: 0.1°C  
Accuracy:  $\pm 0.2^\circ\text{C}$  (without probe)

**\*Notice: Specifications subject to changes without prior notice. All rights reserved by Comen**