

# Specification: NC 3

The logo features the word "COMEN" in large, bold, white, 3D-style capital letters. The letters are set against a blue background that has a subtle gradient and a faint, repeating pattern of the word "COMEN" in a lighter shade. The letters appear to be resting on a blue, curved surface that resembles a globe or a lens.

**COMEN** Share with the world

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# Patient Monitor

## NC 3



### Standard Configuration:

COMEN SpO<sub>2</sub>, NIBP, PR

### Optional Configuration:

Masimo SpO<sub>2</sub>, Ear Temp

### Safety Standards

ISO 13485:2016 approved, CE marking according to MDD93/42/EEC

### Physical Characteristics

Product Size:	130mm*125 mm*219mm
Net Weight:	1.25kg (battery excluded)
Screen:	6" LED screen
Battery Type:	Rechargeable Lithium-ion battery
Battery Capacity:	2200mAh
Battery	
Recharging Time:	Maximum 5.5 hours for charging when monitor is working;
Battery backup:	12 hours for standby mode

### Operation Environment

working Temp:	5-40°C
Humidity:	≤93%
Power Supply:	100-240V~, 50/60Hz±1Hz

### Indicator

Power indicator
Battery indicator
QRS beep

### Interface

RS-232 interface
AC power input

### Data storage

Patient data	
Review:	50 groups
Power-off storage:	Yes

### Features

Patient type:	Adult, Pediatric, Neonate
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Mode:	Parameter Setting Mode, Review Mode, Standby Mode, Maintenance Mode Measuring mode
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Data:	Data storage, review and transfer
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### NIBP

Method:	Automatic oscillometric
Work mode:	Manual / Automatic
Measurement Unit:	mmHg / kPa selectable
Measurement types:	Systolic, Diastolic, Mean
Range of systolic pressure:	Adult Mode:40-270mmHg Pediatric Mode:40-200mmHg
Range of diastolic pressure:	Adult Mode:10-215mmHg Pediatric Mode:10-150mmHg
Range of mean pressure:	Adult Mode:20-235mmHg Pediatric Mode:20-165mmHg
Over-pressure protection:	Both Hardware and software over pressure protection
Accuracy:	±5mmHg
Resolution:	1mmHg
PR from NIBP:	20-250bpm
PR Resolution:	1bpm
PR Accuracy:	±2bpm
<b>Masimo SpO<sub>2</sub></b>	
Measurement range:	1~100%
Resolution:	1%
Accuracy:	±2% (70-100%, Adu/Ped, non-motion)

±3% (70-100%, with motion in adult/Ped or in neonate mode)  
Unspecified (0-69%)

#### PR measurement:

Range: 25~240bpm  
PR Resolution: 1bpm  
PR Accuracy: ±3bpm(non-motion)  
±5bpm(motion)  
PI value: 0.1%~20%  
Resolution: 0.1%  
Accuracy: unspecified

### Comen SpO<sub>2</sub>

#### Measurement

range: 0~100%  
Resolution: 1%  
Accuracy: 2% (70~100%, Adu/Ped, non-motion)  
3% (measured without motion in neonate mode)  
Unspecified (0-69%)

#### PR measurement

Range: 20-250bpm  
PR Resolution: 1bpm  
Accuracy: ±2bpm  
PI value: 0.1%~20%  
Resolution: 0.1%

### Temperature (Ear Probe)

Range: 34.0°C~42.2°C  
TEMP sensor: IR Ear Temperature probe  
Resolution: 0.1°C  
Accuracy: ±0.2°C

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