

Specification: NC 3



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Patient Monitor

NC 3



Standard Configuration:

COMEN SpO₂, NIBP, PR

Optional Configuration:

Masimo SpO₂, 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
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Accuracy:	±5mmHg
Resolution:	1mmHg
PR from NIBP:	20-250bpm
PR Resolution:	1bpm
PR Accuracy:	±2bpm

Masimo SpO₂

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 SpO₂

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

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