



Specification: CCL-NC 3

Patient Monitor

CCL--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	2200mAh
Capacity:	
Battery	
Recharging	Maximum 5.5 hours for charging
Time:	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
Operating key sound?

Interface

RS-232 interface
AC power input

Data storage

Patient data	
Review:	50 groups
Power-off	

storage: Yes

Features

Patient type:	Adult, Pediatric, Neonate
Mode:	Parameter Setting Mode, Review Mode, Standby Mode, Maintenance Mode
	Measuring mode

Data: Data storage, review and transfer

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: $\pm 5\text{mmHg}$

Resolution: 1mmHg

PR from 20-250bpm

NIBP? ? : 1bpm

PR Resolution: $\pm 2\text{bpm}$

PR Accuracy:

Masimo SpO₂

Measurement

range: $1\sim 100\%$

Resolution: 1%

Accuracy: $\pm 2\%$ (70-100%, Adu/Ped, non-motion)
 $\pm 3\%$ (70-100%, with motion in adult/Ped or in neonate mode)
 Unspecified (0-69%)

PR measurement:

Range: 25~240bpm

PR Resolution: 1bpm

PR Accuracy: $\pm 3\text{bpm}$ (non-motion)
 $\pm 5\text{bpm}$ (motion)

PI value: $0.1\%\sim 20\%$

Resolution: 0.1%

Accuracy: unspecified



Comen SpO₂

Measurement

range: $0\sim 100\%$

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: $\pm 2\text{bpm}$

PI value: $0.1\%\sim 20\%$

Resolution: 0.1%



Temperature (Ear Probe)

Range: $34.0^{\circ}\text{C}\sim 42.2^{\circ}\text{C}$

TEMP sensor: IR Ear Temperature probe

Resolution: 0.1°C

Accuracy: $\pm 0.2^{\circ}\text{C}$

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