

## NC3

### PATIENT MONITOR



|                                 |                                                               |                                                                                                                         |
|---------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Configuration</b>            | Standard Configuration                                        | COMEN SpO <sub>2</sub> , NIBP, PR                                                                                       |
|                                 | Optional Configuration                                        | Masimo SpO <sub>2</sub> , Ear Temp                                                                                      |
| <b>Safety Standards</b>         | ISO 13485:2016 approved, CE marking according to MDD93/42/EEC |                                                                                                                         |
| <b>Physical Characteristics</b> | 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                                                                                               |
| <b>Operation Environment</b>    | Working Temp                                                  | 5-40°C                                                                                                                  |
|                                 | Humidity                                                      | ≤93%                                                                                                                    |
|                                 | Power Supply                                                  | 100-240V~, 50/60Hz±1Hz                                                                                                  |
| <b>Indicator</b>                | Power indicator                                               |                                                                                                                         |
|                                 | Battery indicator                                             |                                                                                                                         |
|                                 | QRS beep                                                      |                                                                                                                         |
| <b>Interface</b>                | RS-232 interface                                              |                                                                                                                         |
|                                 | AC power input                                                |                                                                                                                         |
| <b>Data storage</b>             | Patient data review                                           | 50 groups                                                                                                               |
|                                 | Power-off storage                                             | Yes                                                                                                                     |
| <b>Features</b>                 | Patient type                                                  | Adult, Pediatric, Neonate                                                                                               |
|                                 | Mode                                                          | Parameter Setting Mode, Review Mode, Standby Mode, Maintenance Mode, Measuring mode                                     |
|                                 | Data                                                          | Data storage, review and transfer                                                                                       |
|                                 | Method                                                        | Automatic oscillometry                                                                                                  |
|                                 | 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                                                                       |
| <b>NIBP</b>                     | 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                                                                                                                   |
|                                 | Measurement range                                             | 1~100%                                                                                                                  |
|                                 | Resolution                                                    | 1%                                                                                                                      |
|                                 | Accuracy                                                      | ±2% (70-100%, Adu/Ped, non-motion)<br>±3% (70-100%, with motion in adult/Ped or in neonate mode)<br>Unspecified (0-69%) |
|                                 | PR measurement range                                          | 25~240bpm                                                                                                               |
| <b>Masimo SpO<sub>2</sub></b>   | PR Resolution                                                 | 1bpm                                                                                                                    |
|                                 | PR Accuracy                                                   | ±3bpm(non-motion) - ±5bpm(motion)                                                                                       |
|                                 | PI value                                                      | 0.1%~20%                                                                                                                |
|                                 | Resolution                                                    | 0.1%                                                                                                                    |
|                                 | Accuracy                                                      | unspecified                                                                                                             |
|                                 | Measurement range                                             | 0~100%                                                                                                                  |
|                                 | Resolution                                                    | 1%                                                                                                                      |
|                                 | Accuracy                                                      | 2% (70~100%, Adu/Ped, non-motion)<br>3% (measured without motion in neonate mode)<br>Unspecified (0-69%)                |
|                                 | PR measurement range                                          | 20-250bpm                                                                                                               |
|                                 | PR Resolution                                                 | 1bpm                                                                                                                    |
| <b>Comen SpO<sub>2</sub></b>    | PR Accuracy                                                   | ±2bpm                                                                                                                   |
|                                 | PI value                                                      | 0.1%~20%                                                                                                                |
|                                 | Resolution                                                    | 0.1%                                                                                                                    |
|                                 | Range                                                         | 34.0°~42.2°C                                                                                                            |
|                                 | TEMP sensor                                                   | IR Ear Temperature probe                                                                                                |
|                                 | Resolution                                                    | 0.1°C                                                                                                                   |
|                                 | Accuracy                                                      | ±0.2°C                                                                                                                  |
|                                 |                                                               |                                                                                                                         |
|                                 |                                                               |                                                                                                                         |
|                                 |                                                               |                                                                                                                         |
| <b>Temperature (Ear Probe)</b>  |                                                               |                                                                                                                         |
|                                 |                                                               |                                                                                                                         |
|                                 |                                                               |                                                                                                                         |
|                                 |                                                               |                                                                                                                         |

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