

# OMNI-VS

## VITAL SIGNS MONITOR



### Non-Invasive Blood Pressure, SpO<sub>2</sub>, Stat-Temperature

- Suitable for adult, pediatric and neonatal patients
- Nellcor SpO<sub>2</sub> technology
- SureTemp™ thermometer provides an accurate reading within seconds
- Adjustable audible and visual alarms
- Removable and rechargeable battery, up to 6-hour working time
- Integrated handle and full mounting solutions
- Motion Tolerant NIPB and SPO<sub>2</sub>
- Integrated printer



Advanced, Affordable Medical Technology For The World

# OMNI-VS VITAL SIGNS MONITOR TECHNICAL SPECIFICATIONS

## Safety

Meet the requirements of IEC60601 series, CE marking according to MDD93/42/EEC

## Dimension and Weight

Dimension: 170mm (W) x 240mm (H) x 170mm (D)

Weight: < 3.Skg (including a battery)

## Operation Environment

AC Power Requirements: 100-240VAC ( $\pm 10\%$ ), 50/60 Hz ( $\pm 3$  Hz), 70VA

Temperature: 0-40°C (SureTemp™: 10-40°C)

Humidity: 15%-95%, non-condensing

## Patient Range

Adult, pediatric and neonatal

## NIBP

Method: Automatic oscillometric

Operation modes: Manual / Automatic / Continual

Auto measure time: Adjustable

Measurement unit: mmHg / kPa selectable

Measurement types: Systolic, Diastolic, Mean, Pulse Rate

Measurement range: Adult: 10-270mmHg

Pediatric: 10-200mmHg

Neonate: 10-135mmHg

Over-pressure

protection: YES

Resolution: 1mmHg

Alarm: Systolic, Diastolic, Mean, Pulse Rate

Pulse Rate Range: 40-240 bpm

Pulse Rate Resolution: 1bpm

Pulse Rate Accuracy:  $\pm 2$ bpm

## SpO<sub>2</sub>

Measurement range: 0-100%

Resolution: 1%

Accuracy: Adult/Pediatric:  $\pm 2\%$  (70-100%);

Neonatal:  $\pm 3\%$  (70-100%);

0-69% unspecified

Alarm range: 0-100%

Pulse rate: Range: 20-254bpm

Resolution: 1bpm

Accuracy:  $\pm 3$ bpm

Alarm range: 20-254bpm

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

Measurement range: 0-100%

Compatible sensors: Nellcor sensor type: OxiMax series MAX-A, MAX-AL, MAX-N, MAX-P, MAX-I, MAX-FAST, MAX-R, OxiCliq A, OxiCliq N, OxiCliq P, OxiCliq I, D-YS, D-YSE, D-YSPD, DS-100A, OXI-AIN and OXI-P/I

SpO<sub>2</sub> accuracy: 70%-100%  $\pm 2\%$ ; 0-69% unspecified (sensors: MAX-A, MAX-AL, MAX-N, MAX-P, MAX-I and MAX-FAST) 70%-100%  $\pm 2.S\%$ ; 0-69% unspecified (sensors: OxiCliq A, OxiCliq N, OxiCliq P and OxiCliq I) 70%-100%  $\pm 3\%$ ; 0-69% unspecified (sensors: D-YS, DS-100A, OXI-A/N and OXI-P/I) 70%-100%  $\pm 3.5\%$ ; 0-69% unspecified

## Pulse Rate

Range and accuracy: 20-250 bpm  $\pm 3$  bpm  
251-300 bpm unspecified

## SureTemp™ Thermometer

Measurement range: 25 - 44°C (77-111.2 °F)

Resolution: In MONITOR mode: 0.1°C (0.2 °F)

Accuracy: In MONITOR mode: 25-32°C (77-89.6 °F) :  $\pm 0.2$ °C ( $\pm 0.3$  °F) including 32°C (89.6 °F)  
In MONITOR mode: 32~44°C (89.6-111.2 °F) :  $\pm 0.1$  °C ( $\pm 0.2$  °F) excluding 32°C (89.6 °F)

Typical Measurement

time: < 12s



Rolling Stand with  
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