

## Reusable cNIBP & SpO<sub>2</sub> Thumb Sensor



### The ViSi Mobile<sup>®</sup> Reusable cNIBP & SpO<sub>2</sub> Thumb Sensor

is the most advanced vital sign sensor on the market today. Used in-conjunction with the ViSi Mobile<sup>®</sup> Patient Monitoring System, the sensor provides continuous Non-Invasive Blood Pressure (cNIBP), and functional oxygen saturation of arterial hemoglobin (SpO<sub>2</sub>) monitoring. The sensor was designed for improved **comfort**, **durability**, and **accuracy** in a variety of clinical care settings.

#### COMFORTABLE

The Reusable cNIBP & SpO<sub>2</sub> Thumb Sensor is comfortable and unobtrusive. The low profile design provides patients with full-hand mobility during continuous monitoring. The sensor works with several different securements based on patient preference.

#### DURABLE

The Reusable cNIBP & SpO<sub>2</sub> Thumb Sensor was put through rigorous usage tests with both in-house flex and electrical testing demonstrating accurate performance. The sensor has been shown to last for up to 30 days in a limited market release.

#### ACCURATE

Multiple uses demonstrated in clinical testing to last up to 30 days and remains accurate after several cleanings using common hospital disinfectants.

### \*CLEANING PROCESS

The reusable cNIBP & SpO<sub>2</sub> Thumb Sensor can be easily cleaned and disinfected. To prevent possible cross contamination prior to reuse on a different patient, properly clean and/or disinfect all ViSi Mobile<sup>®</sup> reusable components including the cNIBP & SpO<sub>2</sub> Thumb Sensor between each use.

### *Recommended cleaning/disinfection agents:*

1. Clean with soap and water or with an isopropyl alcohol-based solution. For Enteric Precautions Patients, clean with bleach based solution followed by an isopropyl alcohol-based solution, following manufacturers' instructions regarding application and contact time. Do not immerse thumb sensor in cleaning solutions.

- OR -

2. Clean and disinfect with the disinfection recommended by the Hospital Infection Control Department. Avoid the use of any disinfectant that contains hydrogen peroxide.

**\*Note: Sotera has validated the effectiveness of disinfecting ViSi Mobile<sup>®</sup> components with PDI Super Sani-Cloth<sup>®</sup> Germicidal Disposable Wipes. Refer to the labeling of alternative disinfecting products for comparisons and appropriate use.**

### TECHNICAL SPECIFICATIONS

Part Number: 93-10129

Description: Reusable cNIBP & SpO<sub>2</sub> Thumb Sensor

Application Site: Base of thumb, index, or middle finger

Dimensions: 22.5 cm L (8.9 in L)

Weight: 8 g (0.3 oz)

Liquid Ingress Rating: IPX7

#### SpO<sub>2</sub>:

Display Range: 49 to 100%

Accuracy Range: 70 to 100%

Accuracy (no motion):

- ≤ 2% from 70-100% / unspecified from 49-69% (for thumb placement)
- ≤ 3% from 70-100% / unspecified from 49-69% (for index or middle finger placement) Resolution: 1%

#### cNIBP:

Display Range:

- SYSTOLIC: 60 to 240 mmHg/8 to 32 kPa
- DIASTOLIC: 40 to 160 mmHg/5.3 to 21.3 kPa
- MAP: 50 to 185 mmHg/6.7 to 24.7 kPa

Accuracy: Mean error of less than ± 5 mmHg/0.67 kPa and a standard deviation of ≤ 8 mmHg/1.7 kPa Resolution: 1 mmHg/ 0.13 kPa

#### Compatible Equipment

1. ViSi Mobile<sup>®</sup> Patient Monitor (92-10010)
2. Thumb Tape (94-10007)
3. Thumb Wraps (94-10021)

### ORDERING INFORMATION

For orders submission or inquiries, contact Sotera Wireless

Call: (858) 427-4620, Option 1 for Sales

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cNIBP & SpO<sub>2</sub> Thumb Sensor



cNIBP & SpO<sub>2</sub> Thumb Sensor  
with optional thumb wrap