

# Blue<sup>®</sup> Sensor

A breakthrough sensor specifically designed for cyanotic infants and children with congenital heart disease

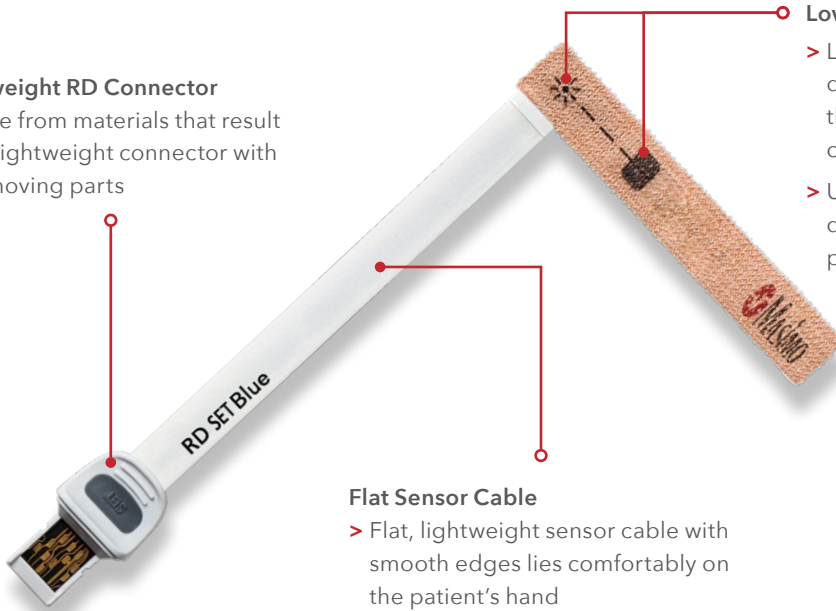


- > Designed for and validated on cyanotic neonatal, infant, and pediatric patients with congenital heart disease<sup>1</sup>
- > Accurate on cyanotic patients with oxygen saturation as low as 60% when using Masimo SET<sup>®</sup> pulse oximetry<sup>2</sup>

# Sensor Anatomy

### Lightweight RD Connector

- > Made from materials that result in a lightweight connector with no moving parts



### Low Profile Components

- > Low profile optical components designed to put less pressure on the measurement site and better conform to the shape of a finger
- > Unique optical components are developed for monitoring this patient population

### Flat Sensor Cable

- > Flat, lightweight sensor cable with smooth edges lies comfortably on the patient's hand

# Ordering Information and Specifications

#### ORDERING INFORMATION

RD Blue Sensor	
Part Number .....	4014
Weight range.....	2.5 - 30 kg
Application site.....	Great Toe / Thumb

#### PERFORMANCE

<b>Saturation Accuracy on Cyanotic Patients</b>	
60 - 80% .....	4%
70 - 100% .....	3.3%
80 - 100% .....	3%
Pulse Rate Accuracy .....	3 bpm

#### LOW PERFUSION ACCURACY

SpO <sub>2</sub> .....	3%
Pulse Rate Accuracy .....	3 bpm

<sup>1</sup> Masimo data on file.

<sup>2</sup> Tsutumi T, et al. *Critical Care Medicine*. 2006; 34(12): A56.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

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