

# Masimo Sensors RD SET™

Featuring Masimo SET® Measure-through Motion and Low Perfusion™ Technology



- > Maximizing Patient Comfort
- > Optimizing Clinician Workflow
- > Helping Hospitals Meet Their **Green Initiatives** ♻️





RD SET Sensors for Patients

# MAXIMIZING PATIENT COMFORT

Lightweight sensor with a flat, soft cable



## > FLAT SENSOR CABLE

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



## > LIGHTWEIGHT CONNECTOR

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



## > SMALL, THIN OPTICAL COMPONENTS

- > Low profile internal components allow the sensor to better conform to the shape of a finger and may put less pressure on the measurement site
- > Orientation of optical components position the sensor cable comfortably on top of the hand



*Tape removed for illustrative purposes*



RD SET Sensors for Caregivers

# OPTIMIZING CLINICIAN WORKFLOW

Simple to use with enhanced connection and sensor application features for a better user experience

## > TWO STYLES OF SENSORS FOR USE ON DIFFERENT PATIENT TYPES



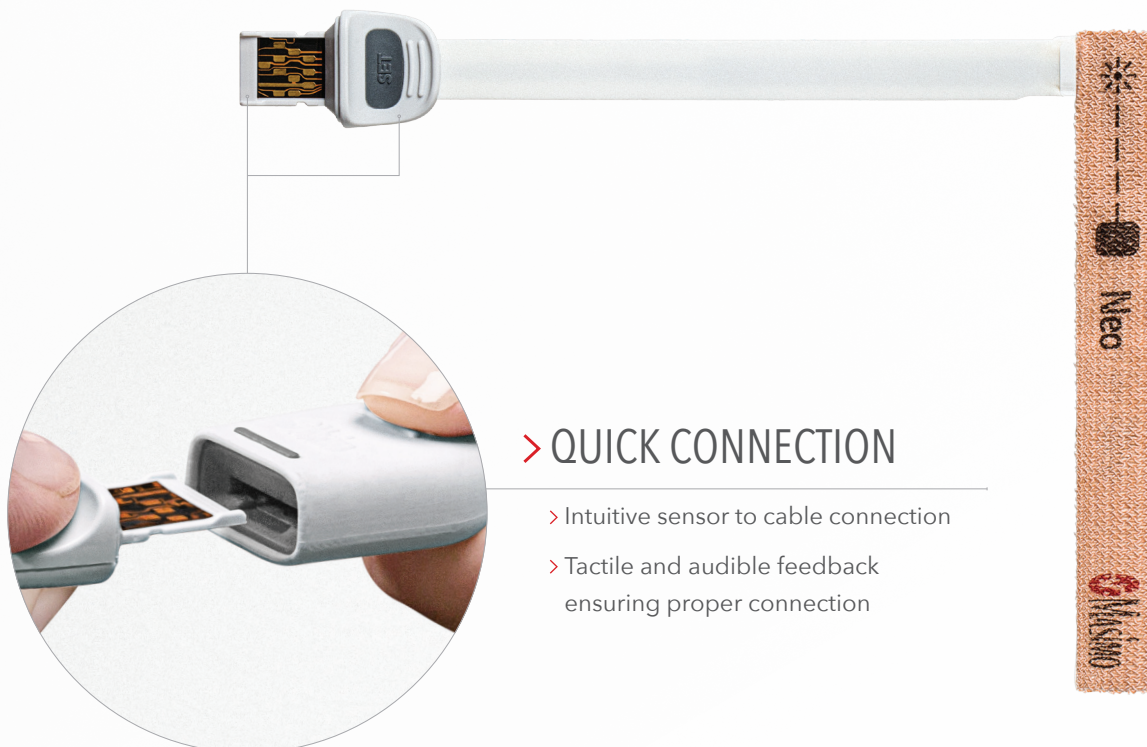
### Wrap-around-Style Sensors

- > Available in adult, pediatric, infant, and neonatal sizes
- > Easily removed and reapplied
- > Suited for patients with long fingernails or finger deformities



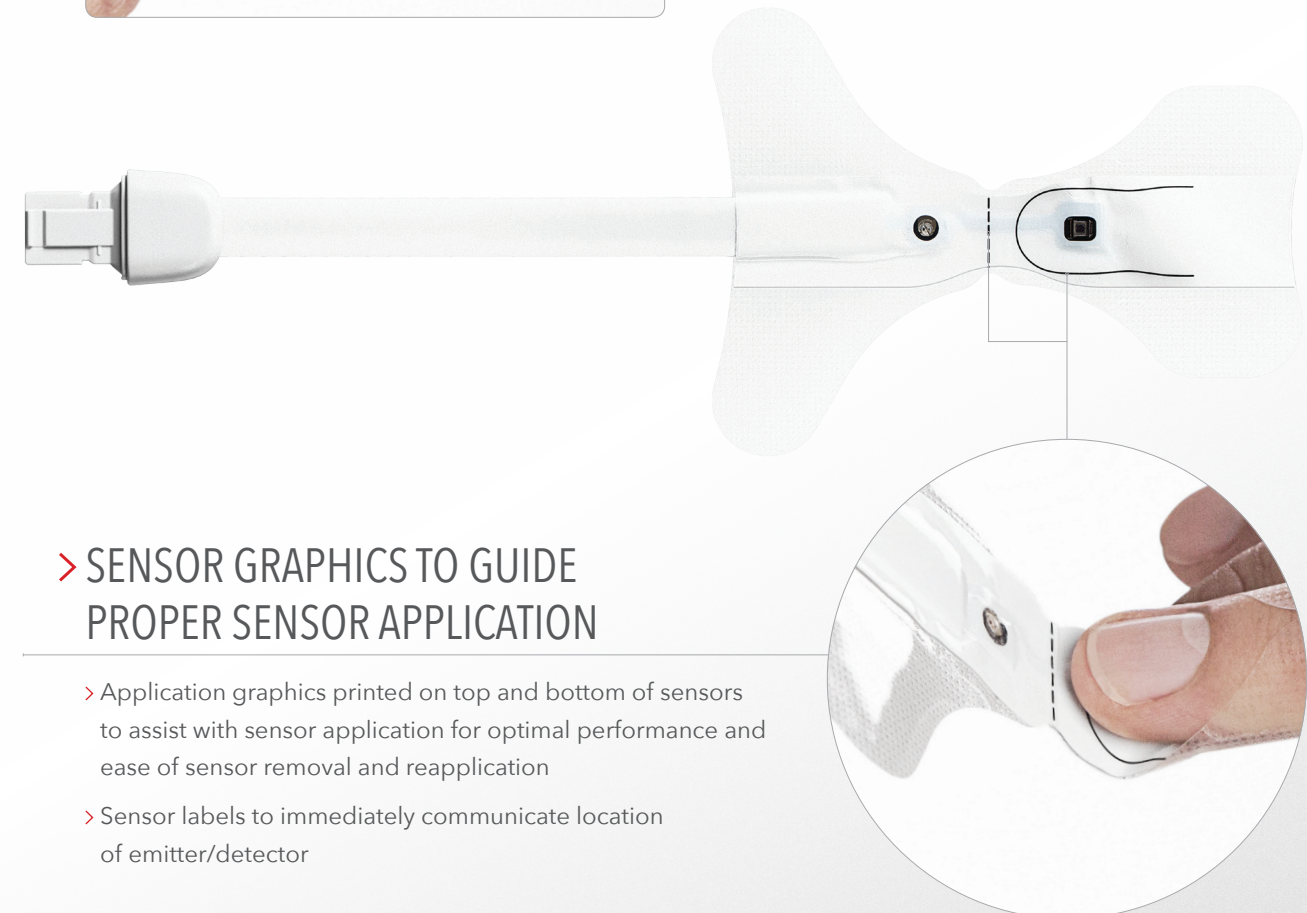
### Fold-over-Style Sensors

- > Available in adult and pediatric sizes
- > Offering a more secure application to the digit and more intuitive sensor alignment



### > QUICK CONNECTION

- > Intuitive sensor to cable connection
- > Tactile and audible feedback ensuring proper connection



### > SENSOR GRAPHICS TO GUIDE PROPER SENSOR APPLICATION

- > Application graphics printed on top and bottom of sensors to assist with sensor application for optimal performance and ease of sensor removal and reapplication
- > Sensor labels to immediately communicate location of emitter/detector



## RD SET Sensors for the Environment

# HELPING HOSPITALS MEET THEIR GREEN INITIATIVES

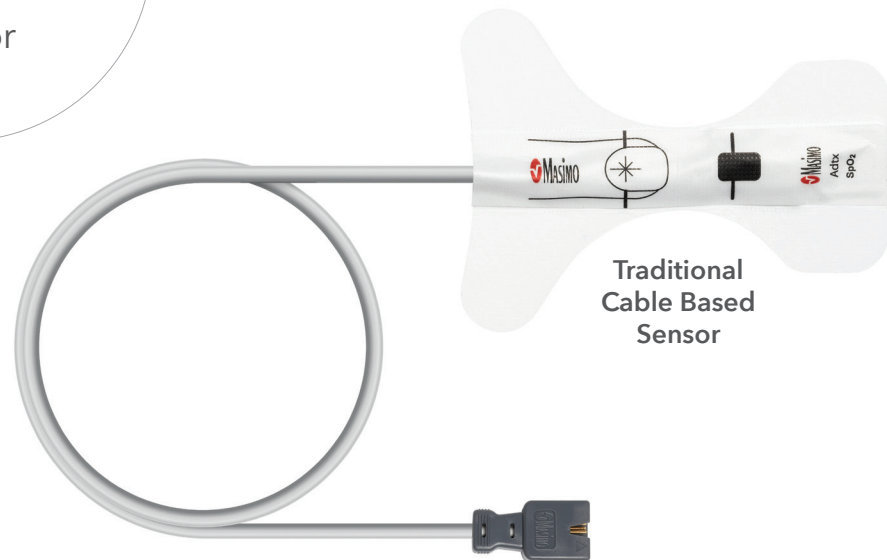
The same Masimo SET® performance with a significant reduction in waste

### > SENSOR DESIGN

> Lightweight design that results in less material waste



Lighter than traditional cable based sensor



### > PACKAGING DESIGN

- > RD SET sensors utilize significantly smaller packaging
- > Lightweight package design is easy to handle
- > Sleek recyclable packaging reduces storage space by 56%\*

Sleek recyclable packaging reduces storage space by 56%\*

\*Storage space reduction calculated by dividing the volume of the RD SET sensor box by the volume of the traditional cable based sensor box.

Volume: 80.39 inches<sup>3</sup> (1317 cm<sup>3</sup>)

Volume: 181.25 inches<sup>3</sup> (2970 cm<sup>3</sup>)



Traditional Cable Based Sensor Box  
Box of 20



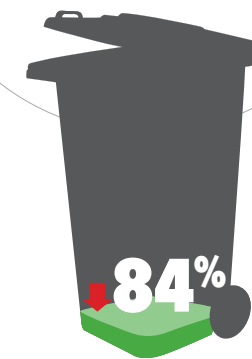
RD SET Sensor Box  
Box of 20

### > LIGHTWEIGHT SENSOR AND PACKAGING DESIGN FOR A GREEN SOLUTION

Up to 84% less waste with Adult RD SET sensors versus traditional cable based sensors\*\*



Traditional Cable Based Sensors



RD SET Sensors

\*\*Waste calculated by comparing the sensor and packaging weight of traditional cable based sensors versus Adult RD adhesive sensors. Internal data on file.



## APPLICATION



RD SET Adt  
finger application



RD SET Pdt  
finger application



RD SET Inf  
thumb application



RD SET Neo  
foot application



RD SET NeoPt /  
NeoPt-500  
foot application

## DISPOSABLE SENSORS



RD SET Adt



RD SET Pdt



RD SET Neo



RD SET Inf



RD SET NeoPt



RD SET NeoPt-500



Masimo's Sofftouch line of sensors is designed to be used whenever skin sensitivity issues are a concern, such as with extremely low birth weight infants. Masimo Sofftouch sensors incorporate soft foam and VelAid hook and loop attachment wraps that come in a variety of configurations to address a wide range of clinical uses.

## RD SET DISPOSABLE SENSOR SERIES SPECIFICATIONS

### ACCURACY – (ARMS)<sup>1</sup>

#### RD SET Adt / RD SET Pdt / RD SET Inf / RD SET Neo (adult)

SpO <sub>2</sub> Accuracy Range (ARMS) .....	70-100%
No Motion .....	.2%
Motion .....	.3%
Low Perfusion .....	.2%
PR Accuracy (ARMS)	
No Motion .....	.3 bpm
Motion .....	.5 bpm
Low Perfusion .....	.3 bpm

#### RD SET Neo / RD SET NeoPt / RD SET NeoPt-500 (neonatal)

SpO <sub>2</sub> Accuracy Range (ARMS) .....	70-100%
No Motion .....	.3%
Motion .....	.3%
Low Perfusion .....	.3%
PR Accuracy (ARMS)	
No Motion .....	.3 bpm
Motion .....	.5 bpm
Low Perfusion .....	.3 bpm

### WEIGHT RANGE

RD SET Adt .....	>30 kg, finger or toe application
RD SET Pdt .....	10-50 kg, finger or toe application
RD SET Inf .....	3-20 kg, thumb or great toe application
RD SET Neo (neonatal) .....	<3 kg, hand or foot application
RD SET Neo (adult) .....	>40 kg, finger or toe application
RD SET NeoPt .....	<1 kg, hand or foot application
RD SET NeoPt-500 .....	<1 kg, hand or foot application

### COMPATIBILITY

Compatible Oximeters ..... Systems containing Masimo SET® or licensed to use RD SET Series sensors

### INFORMATION

Single-patient-use / Non-sterile / Packaged 20/box / Does not contain natural rubber latex

### ORDERING INFORMATION

RD SET Disposable Sensor Series	Part Number
RD SET Adt .....	4000
RD SET Pdt .....	4001
RD SET Inf .....	4002
RD SET Neo .....	4003
RD SET NeoPt .....	4004
RD SET NeoPt-500 .....	4005
RD SET Replacement Tapes/Wraps	Part Number
Replacement Tapes, Inf .....	4046
Replacement Tapes, Neo .....	4047
Replacement Wraps, NeoPt .....	4048
Replacement Wraps, NeoPt-500 .....	4049

<sup>1</sup>The ARMS Accuracy is calculated based upon measurement values that are statistically distributed; approximately 68% of the measured values fell within ± the ARMS value when compared to the reference device under a controlled study.

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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