

# Masimo Sensors RD SET™

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



Now with Improved  
SpO2 Accuracy

- > Maximising Patient Comfort
- > Optimising Clinician Workflow
- > Helping Hospitals Meet Their Green Initiatives ♻️



RD SET Sensors for Patients

# MAXIMISING 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

# OPTIMISING CLINICIAN WORKFLOW

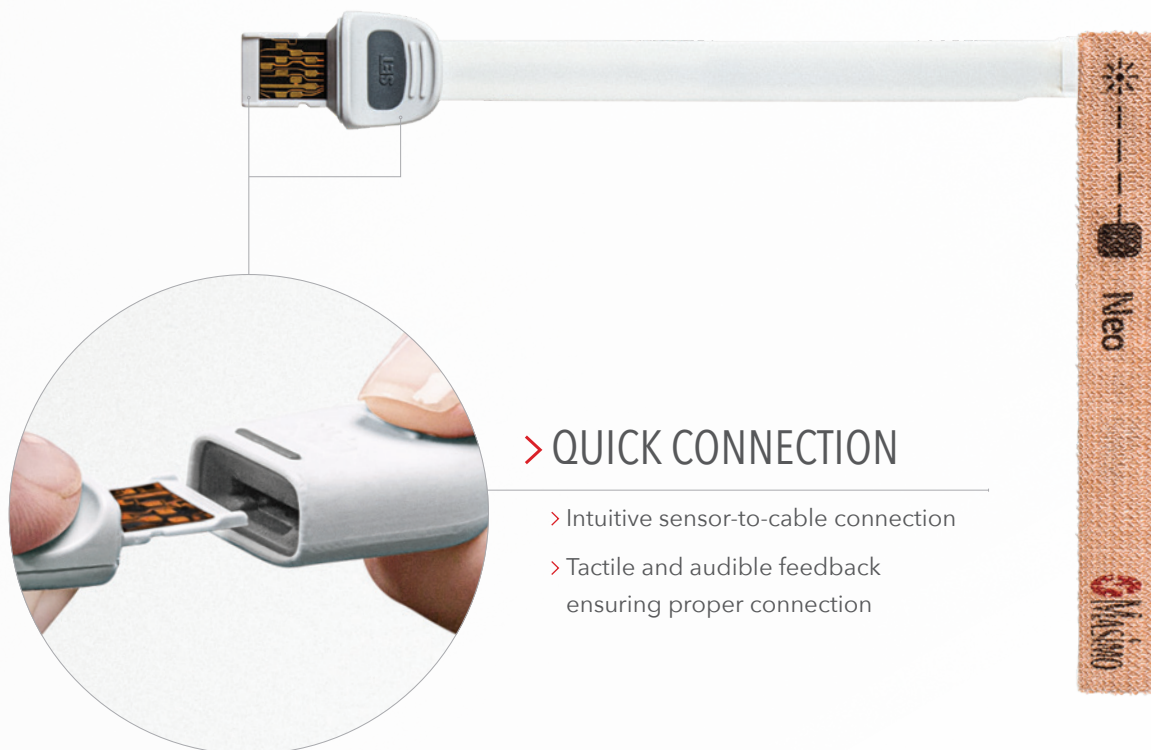
Simple to use with enhanced connection and sensor application features  
for a better user experience

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



### Wrap-around Style Sensors

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



## > QUICK CONNECTION

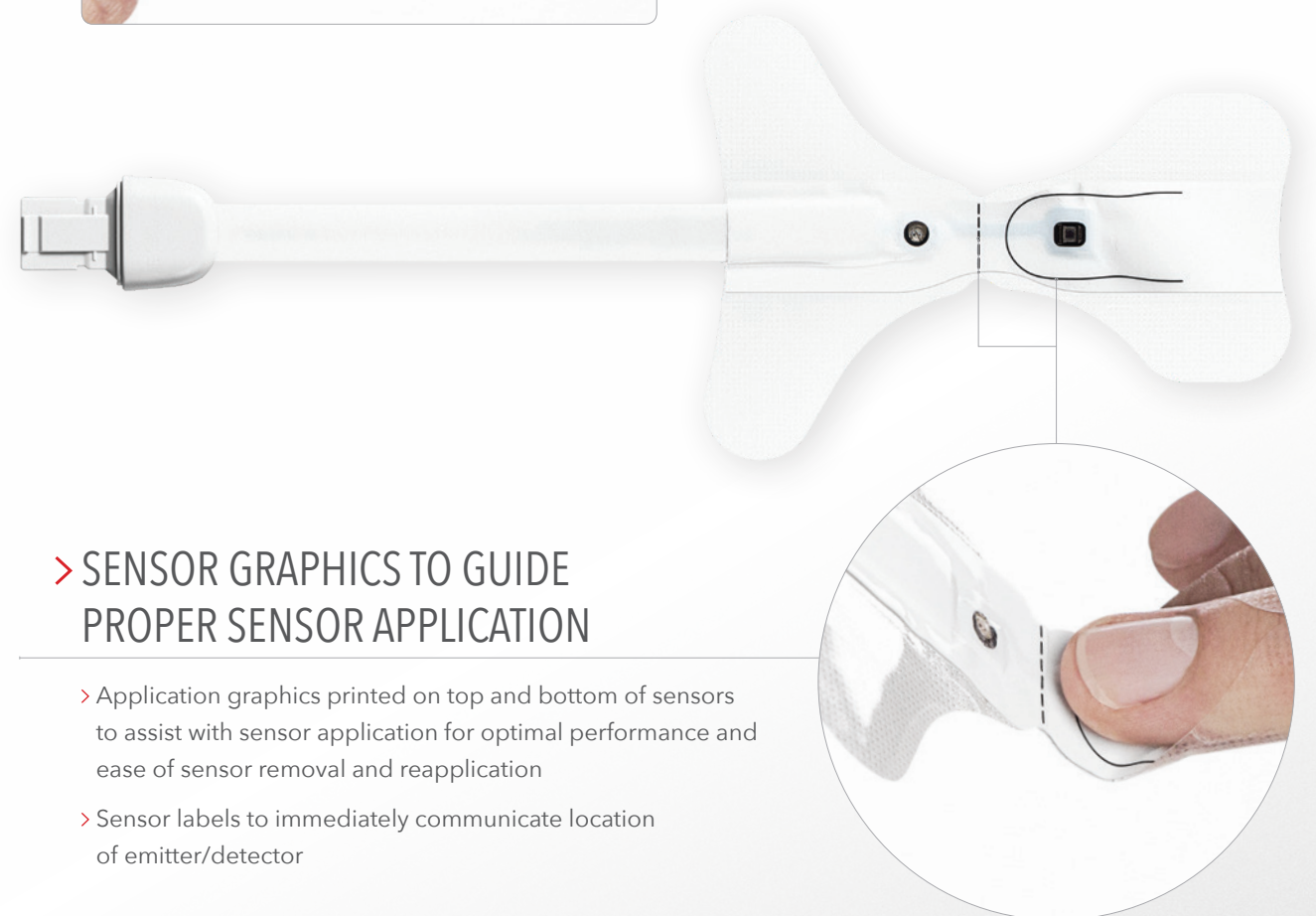
- > Intuitive sensor-to-cable connection
- > Tactile and audible feedback ensuring proper connection

SpO<sub>2</sub> accuracy has improved in conditions of motion and no motion, providing clinicians with greater confidence when monitoring oxygenation status.



### Fold-over Style Sensors

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



## > 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

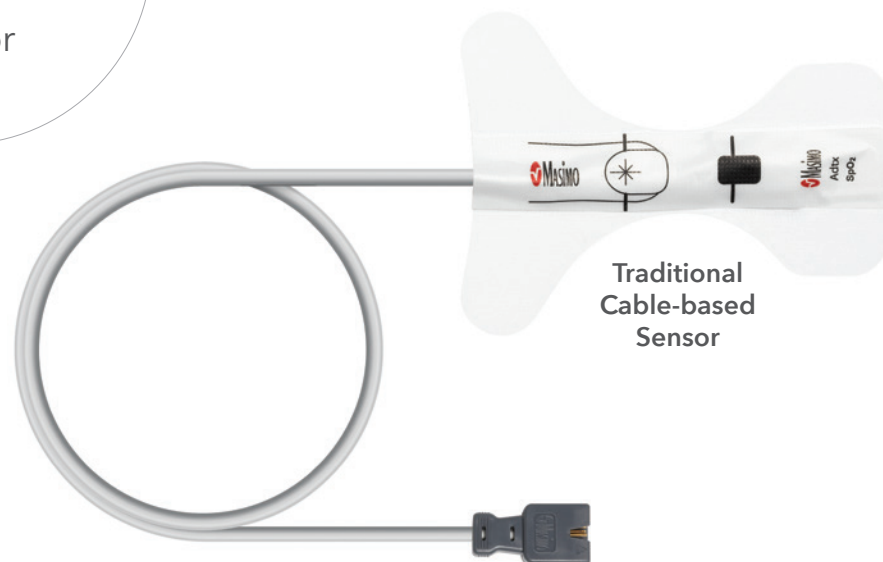
The same Masimo SET® performance with a significant reduction in waste

### > SENSOR MATERIALS

- > Lightweight sensor results in less material waste



Lighter than traditional cable-based sensor



### > PACKAGING DESIGN

- > RD SET sensors utilise significantly smaller packaging
- > Lightweight package design is easy to handle

Sleek recyclable packaging reduces storage space by 44%\*

Volume: 181.25 inches<sup>3</sup> (460.375 cm<sup>3</sup>)



Traditional Cable-based Sensor Box  
Box of 20

Volume: 100.48 inches<sup>3</sup> (255.22 cm<sup>3</sup>)



RD SET Sensor Box  
Box of 20

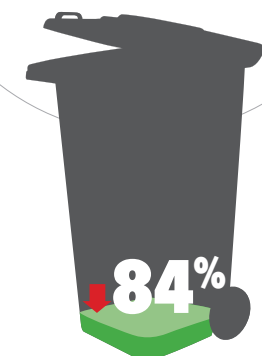
\*Storage space reduction calculated by dividing the reduction in volume by volume of the traditional cable-based sensor box.

### > 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 SofTouch line of sensors is designed to be used whenever skin sensitivity issues are a concern, such as with extremely low birth weight infants. Masimo SofTouch 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>1,2</sup>

#### RD SET Sensors (Adt, Pdt, Inf, Neo) >3kg

|                                 |         |
|---------------------------------|---------|
| SpO <sub>2</sub> Accuracy Range | 70–100% |
| No Motion                       | 1.5%    |
| Motion                          | 1.5%    |
| Low Perfusion                   | 2%      |
| PR Accuracy                     |         |
| No Motion                       | 3 bpm   |
| Motion                          | 5 bpm   |
| Low Perfusion                   | 3 bpm   |

#### RD SET Sensors (Neo, NeoPt, NeoPt-500) <3kg

|                                 |         |
|---------------------------------|---------|
| SpO <sub>2</sub> Accuracy Range | 70–100% |
| No Motion                       | 3%      |
| Motion                          | 3%      |
| Low Perfusion                   | 3%      |
| PR Accuracy                     |         |
| No Motion                       | 3 bpm   |
| Motion                          | 5 bpm   |
| Low Perfusion                   | 3 bpm   |

#### SpO<sub>2</sub> Limits of Agreement (LoA)

|                           |       |
|---------------------------|-------|
| Upper 95% LoA (no motion) | 2.3%  |
| Lower 95% LoA (no motion) | –2.3% |
| Upper 95% LoA (motion)    | 2.9%  |
| Lower 95% LoA (motion)    | –2.2% |

### 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 <sup>3</sup> |
|----------------------|--------------------------------------------------------------------------------------|

### INFORMATION

|                                                                                                |
|------------------------------------------------------------------------------------------------|
| Single-patient-use / Non-sterile / Packaged 20 per 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> ARMS accuracy is a statistical calculation of the difference between device measurements and reference measurements. Approximately two-thirds of the device measurements fell within  $\pm$  ARMS of the reference measurements in a controlled study. <sup>2</sup> Improved accuracy specifications available where cleared, refer to Directions for Use. <sup>3</sup> Accuracy specifications provided reflect use with the following Masimo technology boards and software versions and higher: MS-2000 SB version V5.1, MSX-1 version V5.3, MX-5 version V7.12

For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

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