


Masimo Sensors RD SET[®]

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

Now with Improved
SpO₂ Accuracy for
All Patients

- > 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



> 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

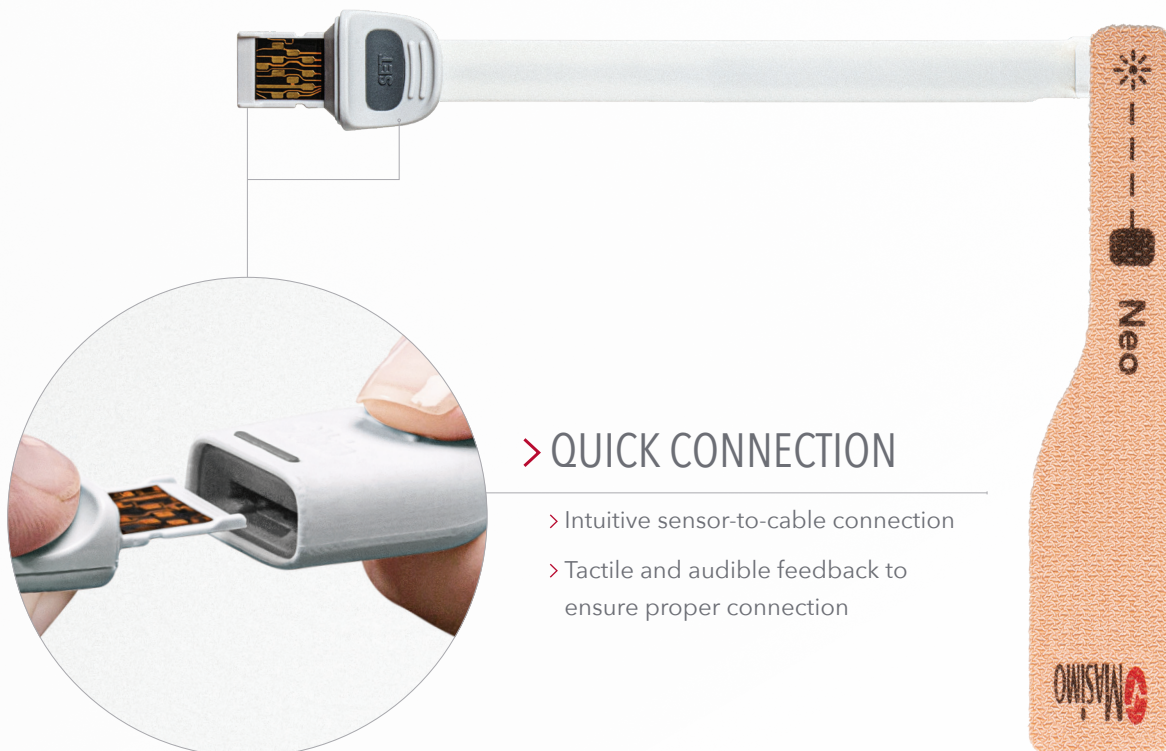
Simple to use with enhanced connection and sensor application features for a better user experience

> 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



> QUICK CONNECTION

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

SpO₂ accuracy has improved in conditions of motion and no motion, providing clinicians with greater confidence when monitoring oxygenation status.



location of emitter/detector



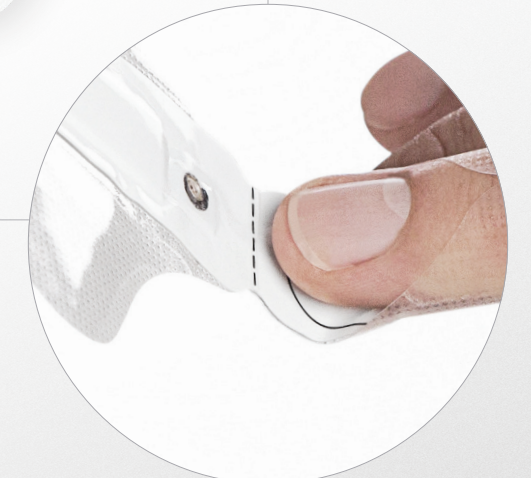
Fold-over Style Sensors

- > Available in adult and pediatric sizes
- > Offer 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

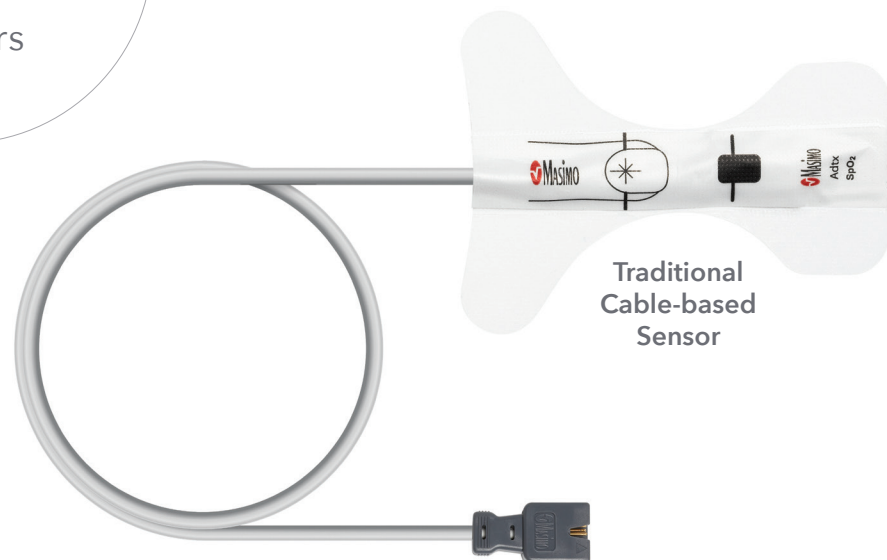
The same Masimo SET® performance with a significant reduction in waste

> SENSOR MATERIALS

› Lightweight sensor results in less material waste



Lighter than traditional cable-based sensors



> PACKAGING DESIGN

- › RD SET sensors utilize significantly smaller packaging
- › Lightweight package design is easy to handle

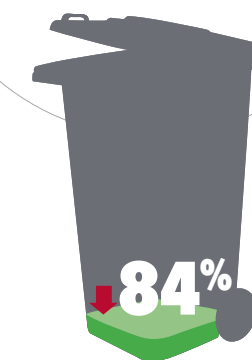
Sleek recyclable packaging reduces storage space by 44%*

*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**



**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-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

RD SET Adt/ Pdt/ Inf/ Neo/ NeoPt/ NeoPt-500 (ARMS)¹

SpO ₂ 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

SpO₂ 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	3-10 kg, thumb or great toe application
RD SET Inf	10-20 kg, finger or 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 sensors²

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

Replacement Tapes/Wraps	Part Number
Replacement Tapes, Inf	4046
Replacement Tapes, Neo	4047
Replacement Wraps, NeoPt	4048
Replacement Wraps, NeoPt-500	4094
Replacement Tapes, Neo, Large	4674

PARAMETERS SUPPORTED

Oxygen Saturation (SpO₂)
Pulse Rate (PR)
Perfusion Index (Pi)
Pleth Variability Index (PVi®)
Respiration Rate from the Pleth (RRp®)

¹ 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. ² 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.

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.

Masimo U.S.
Tel: 1 877 4 Masimo
info-america@masimo.com

Masimo International
Tel: +41 32 720 1111
info-international@masimo.com

