

RD rainbow™ Sensors

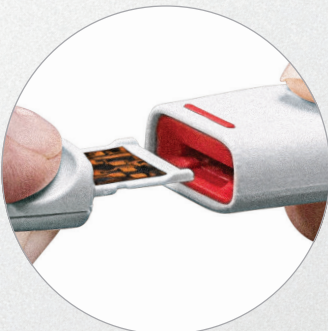
Powered by Masimo rainbow® Technology and SET® Measure-through Motion and Low Perfusion™ Pulse Oximetry

Featuring multi-wavelength technology, which enables advanced parameters such as total hemoglobin (SpHb®) and carboxyhemoglobin (SpCO®) monitoring



Sensor Features:

- Flat sensor with smooth edges lies comfortably on a patient's hand
- Lighter than traditional cable-based sensors
- Quick and intuitive sensor-to-cable connection with tactile and audible feedback ensures proper connection
- Sensor graphics guide proper sensor application



Sensor Application

Fold-over Style Sensors

- Secure digit application and intuitive sensor alignment



Adt
finger application



Pdt
finger application

Wrap-around Style Sensors

- Easily removed and reapplied
- Suited for patients with long fingernails or finger deformities



Inf
finger application



Inf
thumb application



Neo
adult finger application



Neo
neonatal foot application

Single-Patient-Use Sensors



RD rainbow Adt



RD rainbow Pdt



RD rainbow Inf



RD rainbow Neo

RD rainbow Sensor Specifications

ACCURACY – (ARMS)¹

Oxygen Saturation (% SpO ₂) Accuracy Range	70–100%
No Motion Adults/Pediatrics/Infants/Neonates	.2%
Motion Adults/Pediatrics/Infants/Neonates	.3%
Low Perfusion Adults/Pediatrics/Infants/Neonates	.2%
Oxygen Saturation (% SpO ₂) Accuracy Range	.60–.80%
No Motion Adults/Pediatrics/Infants	.3%
Pulse Rate Accuracy Range	25–240 bpm
No Motion Adults/Pediatrics/Infants/Neonates	.3 bpm
Motion Adults/Pediatrics/Infants/Neonates	.5 bpm
Low Perfusion Adults/Pediatrics/Infants/Neonates	.3 bpm
Total Hemoglobin (SpHb) Accuracy Range ²	8–17 g/dL
No Motion Adults/Pediatrics/Infants	.1 g/dL
Methemoglobin (SpMet [®]) Accuracy Range	0–15%
No Motion Adults/Pediatrics/Infants/Neonates	.1%
Carboxyhemoglobin (SpCO) Accuracy Range ²	0–40%
No Motion Adults/Pediatrics/Infants	.3%

WEIGHT RANGE

Adt	>30 kg, finger application
Pdt	10–50 kg, finger application
Inf	3–10 kg, thumb or great toe application
Inf	10–30 kg, finger or toe application
Neo (neonatal)	<3 kg, hand or foot application ³
Neo (adult)	>30 kg, finger application

COMPATIBILITY

RD rainbow single-patient-use sensors are for use with devices containing Masimo SET[®] technology (v7.4 or higher) or licensed to use rainbow[®]-compatible sensors.

PARAMETERS SUPPORTED

Oxygen Saturation (SpO₂)
Pulse Rate (PR)
Perfusion Index (Pi)
Pleth Variability Index (PVI[®])
Respiration Rate from Pleth (RRp[®])
Total Hemoglobin (SpHb)²
Carboxyhemoglobin (SpCO)²
Methemoglobin (SpMet)
Oxygen Content (SpOC[™])²

ORDERING INFORMATION

Single-patient-use / Non-sterile / Packaged 10 per box / Does not contain natural rubber latex

	Part Number
RD rainbow SET [®] -2 Adt	.4026
RD rainbow SET-2 Pdt	.4027
RD rainbow SET-2 Inf	.4028
RD rainbow SET-2 Neo	.4029
RD rainbow Adt 8λ SpCO	.4034
RD rainbow Pdt 8λ SpCO	.4035
RD rainbow Inf 8λ SpCO	.4036
RD rainbow Neo 8λ SpCO	.4037

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 ± ARMS of the reference measurements in a controlled study. ² SpHb/SpOC and SpCO are available on separate sensors. RD rainbow SET-2 sensors provide SpHb/SpOC and RD rainbow 8λ SpCO sensors provide SpCO. ³ SpO₂ and SpMet only.

RD rainbow 8λ SpCO Sensors are not licensed for sale in Canada.

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

