

Masimo Sensors

RD rainbow™ 4λ

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

RD rainbow 4λ sensors utilise four wavelengths of light to provide **Oxygen Reserve Index (ORi™)**, offering a unique capability alongside Masimo SET® pulse oximetry.



Greater Visibility with ORi:

- ORi is provided alongside SpO₂ to offer continuous insight into the oxygenation of haemoglobin in the **moderate hyperoxic range** (PaO₂ > 100 and ≤ 250 mmHg).
- ORi offers clinicians the ability to monitor when the oxygenation of **patients on supplemental oxygen** has increased into, or decreased out of, the moderate hyperoxic range.



 **MASIMO**®

Sensor Application

Fold-over Style Sensors

- Secure digit application and intuitive sensor alignment



Adt
finger application



Pdt
finger application



Inf
finger application

Wrap-around Style Sensors

- Easily removed and reapplied
- More accommodating for patients with long fingernails



Inf
thumb application



Neo
adult finger application



Neo
neonatal foot application

Single-patient-use Sensors



Adult



Paediatric



Infant



Neonatal/Adult

Sensor Specifications

ACCURACY – (ARMS)*

Oxygen Saturation (% SpO ₂) Accuracy Range	70–100%
No Motion Adults/Paediatrics/Infants	.2%
No Motion Neonates	.3%
Motion Adults/Paediatrics/Infants/Neonates	.3%
Low Perfusion Adults/Paediatrics/Infants	.2%
Low Perfusion Neonates	.3%
Pulse Rate Accuracy Range	.25–240 bpm
No Motion Adults/Paediatrics/Infants/Neonates	.3 bpm
Motion Adults/Paediatrics/Infants/Neonates	.5 bpm
Low Perfusion Adults/Paediatrics/Infants/Neonates	.3 bpm

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
Neo (adult)	>40 kg, finger application

COMPATIBILITY

For use with devices containing Masimo SET® technology (v7.7 or higher) or licensed to use rainbow®-compatible sensors.

ORDERING INFORMATION

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

	Part Number (PN)
RD rainbow Lite SET-1 Adt.	4042
RD rainbow Lite SET-1 Pdt.	4043
RD rainbow Lite SET-1 Inf	4044
RD rainbow Lite SET-1 Neo	4045

PARAMETERS SUPPORTED

Oxygen Saturation (SpO₂)
Pulse Rate (PR)
Perfusion Index (Pi)
Respiration Rate from the Pleth (RRp®)
Pleth Variability Index (PVi®)
rainbow® Pleth Variability Index (RPVi™)†
Oxygen Reserve Index (ORi)

* 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.

† RPVi has obtained CE Marking. Not available in U.S. or Canada.

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

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