

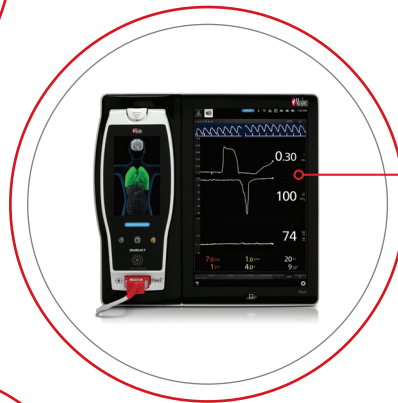
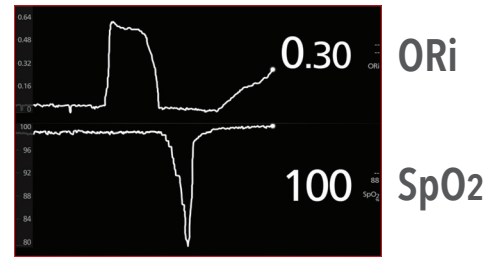
Oxygen Reserve Index™ (ORi™)

The First Noninvasive and Continuous Parameter to Provide Insight into a Patient's Oxygen Reserve

ORi with Masimo SET® Pulse Oximetry May Provide:



- > Advanced warning of impending desaturation, which may allow clinicians to intervene sooner



- > Expanded visibility during preoxygenation prior to intubation



- > Insight into oxygen reserve when titrating patients who are receiving supplemental oxygen

Clinical Application

- > In a study of 25 paediatric patients undergoing general anaesthesia with orotracheal intubation, researchers found that ORi helped clinicians identify impending desaturation in a median of 31.5 seconds before noticeable changes in SpO₂ occurred.¹
- > In a study of 106 patients undergoing scheduled surgery, in which arterial catheterization and intraoperative arterial blood gas analyses were planned, researchers found that decreases in ORi to near 0.24 may provide advance indication of falling PaO₂ approaching 100 mm Hg when SpO₂ is >98%.²

RD Sensors

RD rainbow SET™-2



RD rainbow Lite SET™ -1



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



Neo
adult finger application



Neo
neonatal foot application



Inf
finger application



Inf
thumb application

RD rainbow® Series Specifications

ACCURACY – (ARMS)³

RD rainbow SET-2

Oxygen Saturation (%SpO ₂) Accuracy Range	70-100%
No Motion Adults/Paediatrics/Infants/Neonates	.2%
Motion Adults/Paediatrics/Infants/Neonates	.3%
Low Perfusion Adults/Paediatrics/Infants/Neonates	.2%
Oxygen Saturation (%SpO ₂) Accuracy Range	.60-80%
No Motion Adults/Paediatrics/Infants	.3%
Pulse Rate (bpm) 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
Total Haemoglobin (SpHb®) Accuracy Range	8-17 g/dL
No Motion Adults/Paediatrics/Infants	.1 g/dL
Methaemoglobin (%SpMet®) Accuracy Range	0-15%
No Motion Adults/Paediatrics/Infants/Neonates	.1%

RD rainbow Lite SET-1

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 (bpm) 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

COMPATIBILITY

RD rainbow Lite SET-1 series sensors are for use with devices containing SET® oximetry or licensed to use RD rainbow Lite SET series sensors. RD rainbow SET disposable sensors are for use with devices containing Masimo SET® technology (v7.4 or higher) or licensed to use rainbow® compatible sensors.

WEIGHT RANGE

RD rainbow SET-2

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)	>30 kg, finger application

RD rainbow Lite SET-1

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

ORDERING INFORMATION

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

RD rainbow SET Disposable Sensor Series

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 Lite SET Disposable Sensor Series

Part Number

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

¹ Szmuk P et al. *Anesthesiology*. 2016; 124:00-00. ² Applegate et al. *Anesth Analg*. 2016 Mar 22. ³ 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.

* SpO₂ and SpMet Only

ORi and RD rainbow Lite SET-1 sensors have obtained CE marking. Not available in the U.S. or Canada. RD rainbow SET-2 sensors are not licensed for sale in Canada.

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

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