

# rainbow<sup>®</sup> DCI<sup>®</sup>-mini Sensor

Spot-check Monitoring Sensor Featuring Masimo SET<sup>®</sup> Measure-through Motion<sup>\*</sup>  
and Low Perfusion<sup>™</sup> Pulse Oximetry



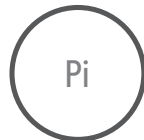
## Pulse Oximetry



Oxygen  
Saturation<sup>\*</sup>



Pulse  
Rate<sup>\*</sup>



Perfusion  
Index

## rainbow<sup>®</sup>



Total  
Hemoglobin<sup>\*\*</sup>

- > Small, lightweight reusable sensor with flexible cable allows for sensor stability and patient comfort during monitoring
- > The combination of noninvasive hemoglobin and SpO<sub>2</sub> measurements on a single sensor enables use in a variety of clinical settings
- > rainbow SET<sup>®</sup> Pulse CO-Oximetry measures multiple physiologic parameters, providing more information than traditional pulse oximetry

\* Masimo SET<sup>®</sup> Measure-through Motion technology includes SpO<sub>2</sub> and PR. \*\* SpHb indicated for adult patients only.



# Sensor Application

**Adult Patient**  
>30 kg

**Pediatric Patient**  
10-50 kg



Comes with an easy-to-use finger gauge for proper sensor site selection

## rainbow® DCI-mini Sensor Specifications

ACCURACY	WEIGHT RANGE
Oxygen Saturation (%SpO <sub>2</sub> ) Accuracy Range..... 70-100%	Adult..... >30 kg, Finger or Toe Application
No Motion Adults/Pediatrics (ARMS) <sup>1</sup> ..... .2%	Pediatric*..... 10-50 kg, Finger, Thumb, or Great Toe Application
Motion Adults/Pediatrics (ARMS) <sup>1</sup> ..... .3%	
Low Perfusion Adults/Pediatrics (ARMS) <sup>1</sup> ..... .2%	
Pulse Rate (PR) Accuracy Range ..... 25-240 bpm	
No Motion Adults/Pediatrics (ARMS) <sup>1</sup> ..... .3 bpm	
Motion Adults/Pediatrics (ARMS) <sup>1</sup> ..... .5 bpm	
Low Perfusion Adults/Pediatrics (ARMS) <sup>1</sup> ..... .3 bpm	
Total Hemoglobin (SpHb) Accuracy Range ..... 8-17 g/dL	
Upper 95% LoA <sup>2</sup> ..... 2.07	
Lower 95% LoA <sup>2</sup> ..... -1.82	
	COMPATIBILITY
	rainbow® DCI-mini reusable sensors are for use with devices containing Masimo rainbow SET technology (v7.4 or higher) or licensed to use rainbow® compatible sensors. SpHb parameter must be on the device.
	ORDERING INFORMATION
	Non-sterile / Packaged 1 per box with Finger Gauge / Does not contain natural rubber latex
	Sensor
	rainbow® DCI-mini, 400 Spot-checks ..... 3798
	rainbow® DCI-mini, 1000 Spot-checks ..... 3799
	Part Number

<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> The differences between measurements by the two methods are used to calculate the mean and standard deviation. The lower 95% limit of agreement is the mean minus 1.96 standard deviation and the upper 95% limit of agreement is the mean plus 1.96 standard deviation. These limits are expected to contain 95% of the differences between measurements between the two methods in controlled environments. Accuracy testing for SpHb was performed on healthy and sick subjects.

\* SpHb indicated for adult patients only.

SpHb monitoring with rainbow® DCI-mini is not intended to replace laboratory blood testing. Blood samples should be analyzed by laboratory instruments prior to clinical decision making.

SpHb with rainbow® DCI-mini is not intended for use on pediatric patients, pregnant patients, and patients with renal disease.

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.

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