

# 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



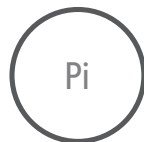
## Pulse Oximetry



Oxygen  
Saturation<sup>\*</sup>



Pulse  
Rate<sup>\*</sup>



Perfusion  
Index



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

## rainbow SET<sup>™</sup>

- > Small, lightweight reusable sensor with flexible cable allows for sensor stability and patient comfort during monitoring
- > The combination of noninvasive hemoglobin and SpO2 measurements on a single sensor enables use in a variety of clinical settings
- > rainbow SET Pulse CO-Oximetry measures multiple physiologic parameters, providing more information than traditional pulse oximetry

\* Masimo SET<sup>®</sup> Measure-through Motion technology includes SpO2 and PR. \*\* SpHb indicated for adult patients only.



# Sensor Application

## Finger Application >10 kg



Adult Patient



Pediatric Patient

## Great Toe Application 3-10 kg



Infant Patient

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/Pediatric..... >10 kg, Finger or Toe Application
No Motion Adults/Pediatrics/Infants (ARMS) <sup>1</sup> ..... .2%	Infant*..... 3-10 kg, Finger, Thumb, or Great Toe Application
Motion Adults/Pediatrics/Infants (ARMS) <sup>1</sup> ..... .3%	
Low Perfusion Adults/Pediatrics/Infants (ARMS) <sup>1</sup> ..... .2%	
Pulse Rate (PR) Accuracy Range..... 25-240 bpm	
No Motion Adults/Pediatrics/Infants (ARMS) <sup>1</sup> ..... .3 bpm	
Motion Adults/Pediatrics/Infants (ARMS) <sup>1</sup> ..... .5 bpm	
Low Perfusion Adults/Pediatrics/Infants (ARMS) <sup>1</sup> ..... .3 bpm	
SpHb Limits of Agreement (LoA)	
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 <span style="float: right;">Part Number</span>
	rainbow® DCI-mini, 200 Spot-checks..... 3797
	rainbow® DCI-mini, 400 Spot-checks..... 3798

<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 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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