

OxSim Flex[®] Specifications

Physical Dimensions			
Size	2.5 in x 2.5 in x 1.25 in (6.4 cm x 6.4 cm x 3.8 cm) excluding finger		
Weight	5 oz (142 g) (excluding battery)		
SpO2 Connection	Optical		
Environmental			
Operating	Temperature: 10°C to 35°C (50°F to 95°F), Relative Humidity: 10 to 80% non-condensing, Altitude: 3,000m (9,843ft)		
Storage	-20°C to +60°C (-4°F to +140°F)		
Power			
Battery Power	1 AA battery (any chemistry)		
Battery Life	<p>Continuous: OxSim Flex: 10+ hours, OxSim Flex with Bluetooth: 6.5 hours</p> <p>Typical Use (Non Continuous): OxSim Flex: 20+ hours, OxSim Flex with Bluetooth: 13 hours</p> <p>60 days in sleep mode (unit sleeps after 10 min. with no probe connection)</p>		
AC Operation	Included Class II limited power source 6VDC supply operates from 100-240VAC, 50-60Hz		
Saturation			
Range	10% – 100%		
Accuracy	Saturation	Autoprobe Selected	Manufacturer Probe Selected
	85% - 100%	± 2% of reading	± 1% of reading
	70% - 84%	± 3% of reading	± 2% of reading
	60% - 69%	NA	± 3% of reading
Heart Rate			
Range	25 – 240 BPM		
Accuracy	± 2 BPM		
Perfusion Index			
Range	10% - 100% (0.2 – 2.0 PI)		



Ox-2 OxSim Flex® Optical SpO2 Pulse Oximeter Simulator Features:

- Complete control of simulations!
- Saturations in 1% increments (10-100%)
- Pulse rates in 1 BPM increments (25-240)
- Create custom preset simulations for faster Alarm Testing
- Perfusion Index levels in 1% increments (10-100%)
- Factory Preset Simulations:
 - Saturation: 85%, Heart Rate: 80 bpm, Perfusion Index: approx. 2.0
 - Saturation: 95%, Heart Rate: 40 bpm, Perfusion Index: approx. 2.0
 - Saturation: 98%, Heart Rate: 80 bpm, Perfusion Index: approx. 2.0
 - Saturation: 98%, Heart Rate: 140 bpm, Perfusion Index: approx. 2.0
 - Saturation: 99%, Heart Rate: 80 bpm, Perfusion Index: approx. 2.0
- Masimo Rainbow SET® Compatible
- Automatic detection of SpO2 Manufacturer
- Color Display – OLED Technology
- Only 5 oz. (0.14 kg, excluding battery)
- Fast and Accurate
- Battery Operated – minimum 10 hours
- Power Save Mode
- Rugged: Polycarbonate housing. Drop tested 65 times from a height of 3 feet (1m) to a hard surface with no failures!
- Field-upgradable Software
- Four-year Limited Warranty

Package Contents:

- (1) OxSim® Flex® Optical SpO2 Pulse Oximeter Tester
- (1) Power Supply (6VDC)
- (1) AA battery
- (1) Certificate of Calibration
- (1) Carrying Case



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