iSpO2 Rx™

Pulse Oximeter

The power of Masimo SET®
with a smart mobile device

Clinically proven results

- Features industry-leading Masimo SET® Measure-through Motion and Low Perfusion™ pulse oximetry – SpO_2, pulse rate (PR), and perfusion index (PI)
- Validated by more than 100 independent and objective studies providing clinicians with unmatched sensitivity and specificity to make critical patient care decisions
- Supports assessment of adult and pediatric patients

Flexible and easy-to-use

- Intuitive operation with a free, downloadable mobile app for iOS® and Android™ OS
- Compact design for portability
- Use of Masimo reusable and/or adhesive sensors with the M-LNCS™ connector
- Spot-checking capability
- Integrated help menu and Quick Start Guide
- Real-time display of pleth waveform with Signal IQ® for low measurement confidence

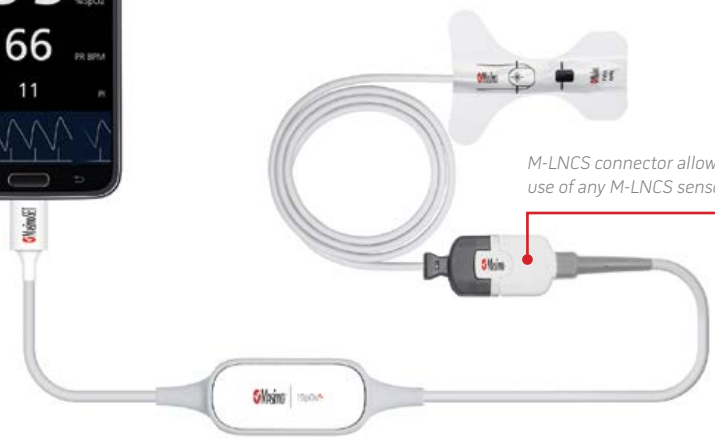
Integrated communication of measurement results

- Share measurement and trend data via smart mobile device email application
- Facilitates remote assessment and management of patients

Adult reusable sensor

Pediatric reusable sensor

Masimo's technology board innovation has continued with reduced size and power consumption, allowing Masimo SET® performance to be integrated in the "board in cable" iSpO2 Rx which is externally connected to the smart mobile device.



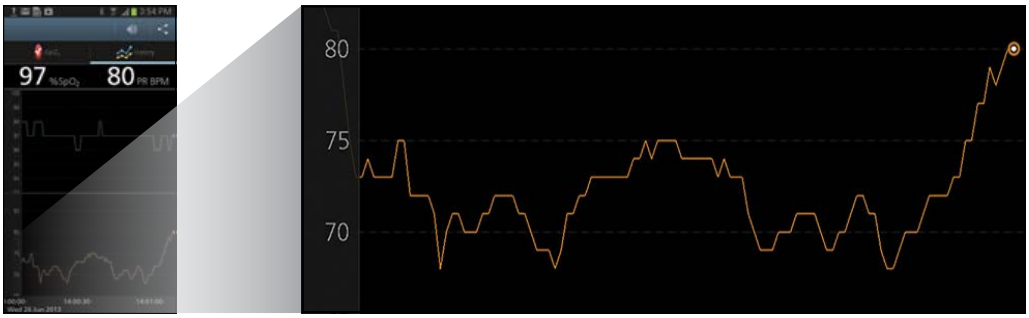
M-LNCS connector allows use of any M-LNCS sensor

M-LNCS adult adhesive sensor

M-LNCS pediatric adhesive sensor

MASIMO®

FEATURES



Track and trend up to 12 hours of measurement history to be viewed and emailed as a .CSV file

MOBILE DEVICE AND SENSOR CONFIGURATION OPTIONS

Choose the configuration that matches your mobile device and desired sensor	30 Pin (Made for iPhone 4[1])	Lightning / 8 Pin (Made for iPhone 5 and other devices[1])	Micro USB / Android (Works with select Samsung®, Motorola®, and other devices[1])
Masimo SET® pulse oximetry cable with integrated Adult pulse oximetry sensor	3588	9575	9578
Masimo SET® pulse oximetry cable with integrated Pediatric pulse oximetry sensor	3590	9576	9579
Masimo SET® pulse oximetry cable with M-LNCS-compatible connector™[2]	3721	9569	9577

iSpO2 Rx package includes 1 SpO2 Rx module and 1 carry case.

PERFORMANCE

PERFORMANCE MEASUREMENT RANGE

Functional oxygen saturation (SpO2) 0–100%
Pulse Rate (PR) ..... 25–240 bpm
Perfusion Index (PI) 0.02–20%

ACCURACY – WHEN USED ON FINGER[3]

Functional oxygen saturation (SpO2) ..... 70 to 100%
No Motion ..... ± 2%
Motion ..... ± 3%
Low Perfusion ..... ± 2%
Pulse Rate (PR) ..... 25–240 bpm
No Motion ..... ± 3 bpm
Motion ..... ± 5 bpm
Low Perfusion ..... ± 3 bpm

RESOLUTION

Functional oxygen saturation (SpO2) 1%
Pulse Rate (PR) ..... 1 bpm

DATA DISPLAY

%SpO2, PR, PI, Signal IQ/pleth bar, and pleth waveform

ELECTRICAL

Power Source ..... Draws power from attached mobile device
Operating Time ..... Dependent on smart mobile device. May vary due to several factors such as smart mobile device settings and usage.

ENVIRONMENTAL

Operating Temperature ..... 5 to 40°C (41 to 104°F)
Storage Temperature ..... -40 to 70°C (-40 to 158°F)
Operating Humidity ..... 15 to 95%, non-condensing

PHYSICAL CHARACTERISTICS

Weight ..... 65 g (2.3 oz)
Dimensions ..... 87 cm x 3 cm x 2.7 cm (34.3" x 1.2" x 1.1")

ALARMS

No alarms on this product

INTENDED USE

For noninvasive spot checking of SpO2 and PR for use with adult and pediatric patients during both motion and no motion conditions, and for patients who are well or poorly perfused in hospitals, hospital-type facilities, mobile and home environments.

CLASSSIFICATION PER IEC 60601-1

EMC Classification ..... Class B
Degree of Protection-Patient Cable ..... Type BF-Applied Part
Enclosure Degree of Ingress Protection IPX1
Mode of Operation ..... Continuous

COMPLIANCE

Safety ..... UL 60601-1, CSA C22.2 No. 601.1, IEC 60601-1, EN 60601-1
EMC ..... IEC 60601-1-2
Pulse Oximeter ..... ISO 9919
Conformity to EU MDD 93/42/EEC ..... CE Marked

Made for iPod iPhone iPad

Available on the App Store

ANDROID APP ON Google play

[1] For a full list of devices visit www.iSpO2.com or call Technical Support at 877-964-8378

[2] Allows for use of any M-LNCS® sensor, sold seperately. Smart mobile device sold separately.

[3] SpO2 accuracy has been validated on healthy adult male and female volunteers with light to dark skin pigmentations in the range of 70–100%. Pulse Rate accuracy has been validated in the range of 25–240 bpm in bench top testing against a Biotek Index2 simulator. The variation in accuracy specifications equals plus or minus 1 standard deviation which encompasses 68% of the population. Contact Masimo for testing specifications.

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

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