

Infinity® Masimo SET® SmartPod®

The Infinity® Masimo SET® SpO₂ SmartPod® brings the advantages of Masimo's gold standard pulse oximetry technology and sensors to your Infinity patient monitors. Masimo Signal Extraction Technology (SET) read-through motion and low perfusion pulse oximetry is accurate during low perfusion and most types of patient movement.



MT-3389-2004

FEATURES

- Detects true events during low perfusion and patient movement
- Helps reduce false alarms
- Supports adult, pediatric and neonatal patients

TECHNICAL DATA

Measuring Capabilities

Displayed parameters	Saturation (fraction of oxyhemoglobin to functional hemoglobin) and pulse (rate and curve)
Measuring method	Absorption spectrophotometry
Measuring range	SpO ₂ : 1 to 100% Pulse rate: 25 to 240 bpm

Measuring Accuracy

Saturation (%SpO ₂) during no motion conditions ¹	0% to 69% not specified 70% to 100%: Adults, pediatrics: ± 2 digits neonates: ± 3 digits
Saturation (%SpO ₂) during motion conditions ^{2,3}	0% to 69% not specified 70% to 100%: Adults, pediatrics ² : ± 3 digits neonates ³ : ± 3 digits
Pulse rate (bpm) during no motion conditions ¹	Adults, pediatrics, neonates: 25 - 240 bpm ± 3 digits
Pulse rate (bpm) during motion conditions ^{2,3}	Adults, pediatrics, neonates: 25 - 240 bpm ± 5 digits



MT-8037-2006

Infinity Masimo SET SmartPod
Enables you to connect all Masimo brand sensors to your Infinity monitor.

CONTINUING TECHNICAL DATA

Monitor connector	X8 connection to Infinity Delta, Delta XL, Kappa, Gamma X XL, Vista XL and Kappa XLT USB connection to Infinity Gamma, Gamma XL or Vista
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Connectors	Intermediate cable for sensor connection
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Power source	Powered from monitor
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Physical Specifications

Size (H x W x D)	39 x 58 x 135 mm (1.5 x 2.3 x 5.3 in.)
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Weight	0.150 kg (0.33 lbs.)
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Environmental Requirements**Temperature range**

Operating	5° C to 45° C (41° F to 113° F)
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Storage	-20° C to 60° C (-4° F to 140° F)
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Relative humidity

Operating	10% to 95%, non-condensing
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Storage	10% to 95%, with packaging
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Atmospheric pressure

Operating	485 to 795 mmHg (65 to 106 kPa)
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Storage	375 to 795 mmHg (50 to 106 kPa)
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Standards

IEC60601-1:2001, EN60601 and EN10993. The Infinity Masimo SET SpO₂ SmartPod complies with the Medical Device Directive (MDD) 93/42/EEC and bears the CE mark.

¹ The Infinity Masimo SET SpO₂ SmartPod pulse oximeter with LNOP/LNCS-Adt sensors has been validated for no motion accuracy in human blood studies on health adult volunteers in induced hypoxia studies in the range of 70-100% SpO₂ against a laboratory co-oximeter and ECG monitor. This variation equals plus or minus one standard deviation.

² The Masimo SET pod with LNOP/LNCS-Adt sensors has been validated for motion accuracy in human blood studies on health adult volunteers in induced hypoxia studies while performing rubbing and tapping motions at 2 to 4 Hz at an amplitude of 1 to 2 cm and a non-repetitive motion between 1 to 5 Hz at an amplitude of 2 to 3 cm in induced hypoxia studies in the range of 70-100% SpO₂ against a laboratory co-oximeter and ECG monitor. This variation equals plus or minus one standard deviation.

³ The Masimo SET pod with LNOP/LNCS-Neo and Neo Pt sensors has been validated for motion and no motion accuracy in human blood studies on health adult volunteers in induced hypoxia studies while performing rubbing and tapping motions at 2 to 4 Hz at an amplitude of 1 to 2 cm and a non-repetitive motion between 1 to 5 Hz at an amplitude of 2 to 3 cm in induced hypoxia studies in the range of 70-100% SpO₂ against a laboratory co-oximeter and ECG monitor. 1% has been added to the results to account for the effects of fetal hemoglobin.

ORDERING INFORMATION

Infinity Masimo SET SpO ₂ SmartPod for Delta/Delta XL/Gamma X XL/Vista XL/Kappa/Kappa XLT Siemens SC 7000, SC8000, SC 9000XL	MS16356
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Note:

Siemens SC 7000/SC 8000/SC 9000XL monitors with a software level below VF4 and the following hardware revisions require a memory expansion board: Siemens SC 7000 below 14, SC 8000 below 17, SC 9000XL below 6.

Infinity Masimo SET SpO ₂ SmartPod for Gamma/Gamma XL/Vista/Siemens SC 6802XL	MS16358
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Note:

The SC 6802XL monitor with a software level below VF4 or hardware revision below 6D will not support the Infinity Masimo SET SpO₂ SmartPod.

The Infinity Masimo SET SpO₂ SmartPod can be used with Infinity monitors with software version VF6.1 or higher. Contact your local sales representative for details. Additional kits are available for either LNOP or LNCS contact your local Dräger representative for details.

LNOP Adhesive and Reusable Sensors

LNOP Adt, 20/box, Adult Adhesive Sensors	7496990
LNOP Pdt, 20/box, Pediatric Adhesive Sensors	7496982
LNOP Neo, 20/box, Neonatal Adhesive Sensors	7496974

LNOP NeoPt, 20/box, Neonatal Sensitive Skin	7496966
LNOP DCI, 1/box, Adult Reusable Sensor	7270312
LNOP DCIP, 1/box, Pediatric Reusable Sensor	7270304
LNOP YI, 1/box, Multisite Reusable Sensor	7497014

Masimo LNCS Adhesive and Reusable Sensors

Masimo LNCS DC-I, Adult Reusable Sensor	MP00796
Masimo LNCS DCIP, Pediatric Reusable Sensor	MP00795
Masimo LNCS Sensor, Adult Disposable	MP00790
Masimo LNCS Sensor, Infant Disposable	MP00791
Masimo LNCS Sensor, Neonatal Disposable	MP00792
Masimo LNCS Sensor, Pediatric Disposable	MP00793
Masimo LNCS Sensor, Neonatal Preterm Disposable	MP00794

Note:

A variety of Masimo SET sensors adhesive or reusable are available for adult, pediatric or neonatal patients. Please contact your local sales representative for more information.

Standards

IEC 60601-1 (2nd edition) and applicable particular and collateral standards, IEC 60601-1-2:2007, Electromagnetic compatibility CISPR 11, Class B. IEC 60529:1989. The Infinity Masimo SET SpO₂ SmartPod complies with the Medical Device Directive (MDD) 93/42/EEC and bears the CE mark. Masimo and SET are registered trademarks of Masimo Corporation.

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The quality management system at
Dräger Medical Systems, Inc. is
certified according to ISO 13485,
ISO 9001 and Annex II.3 of Directive
93/42/EEC (Medical devices).