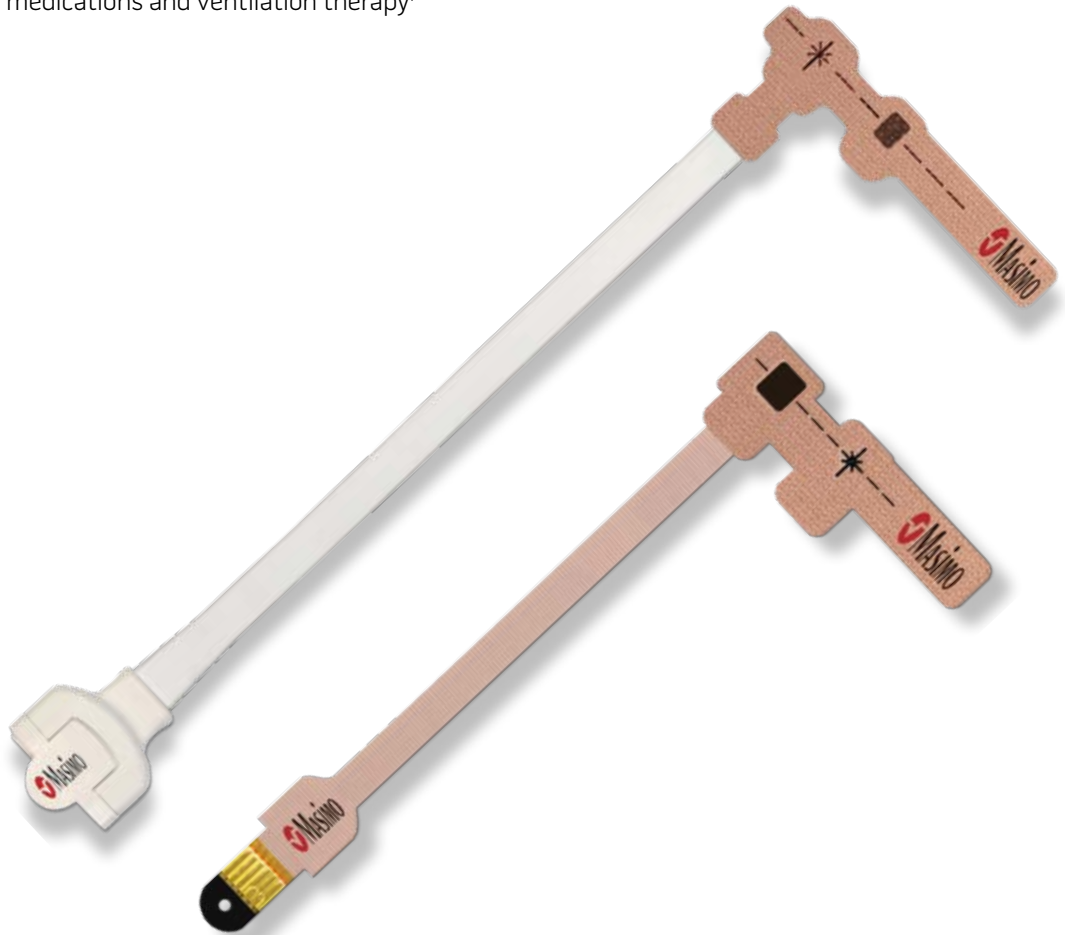


Blue[®] Sensor

A breakthrough sensor specifically designed for cyanotic infants and children with congenital heart disease

- > Specifically for cyanotic neonates, infants and children with congenital heart disease (CHD), the sensor is designed exclusively to maximize accuracy in this vulnerable patient population
- > Proven accurate on cyanotic patients with oxygen saturations as low as 60%¹
- > Maximum SpO₂ accuracy and reliability allows better management of cardiac medications and ventilation therapy¹



FEATURES

Obtaining accurate and reliable SpO₂ measurements on pediatric patients with congenital heart disease has frequently been impossible. This has affected clinicians' ability to rely on continuous SpO₂ measurements to provide care for these patients.

After extensive research and development, Masimo introduced the Blue sensor, the first pulse oximetry sensor designed specifically for cyanotic neonates, infants, and children. The Masimo Blue sensor is proven accurate to saturations as low as 60%.

The Masimo Blue sensor provides reliable, continuous pulse oximetry that clinicians need to better manage cardiac medications and ventilation therapy of these critical patients.

Blue Sensor Patient Cable Compatibility Chart

	LNOP PC / Red™ PC	LNC™ / Red LNC	M-LNC™	rainbow® RC
LNOP® Blue	YES	use MAC-1 adapter cable	No	No
M-LNCS™ Blue	use M-LNCS to PC adapter cable	use M-LNCS to LNC adapter cable	Yes	Yes

LNOP BLUE

Compatible with LNOP and Red patient cables. Compatible with LNC and Red LNC patient cables when used with the MAC-1 adapter cable. Compatible with M-LNC and rainbow RC patient cables when used with LNOP to M-LNC adapter cable.

M-LNCS BLUE

Compatible with the M-LNC and rainbow RC patient cables. Compatible with LNC and Red LNC patient cables when used with the M-LNCS to LNC adapter cable. Compatible with LNOP PC and Red PC patient cables when used with the M-LNCS to PC adapter cable.

PERFORMANCE & ORDERING INFORMATION FEATURES

Ordering Information

LNOP Blue Sensor

Part Number1970
 Weight range..... 2.5 - 30 kg
 Application site.....Great Toe / Thumb

M-LNCS Blue Sensor

Part Number2522
 Weight range..... 2.5 - 30 kg
 Application site.....Great Toe / Thumb

Performance

Saturation Accuracy on Cyanotic Patients²

60 - 80% ±4%
 70 - 100% ±3.3%
 80 - 100% ±3%
 Pulse Rate Accuracy ±3 bpm

Low Perfusion Accuracy

SpO₂ ±3%
 Pulse Rate Accuracy ±3 bpm

References:

¹ Whitney GM, et al. *Anesthesiology* 2005; 103:A1344.

² SpO₂ accuracy has been validated on healthy adult male and female volunteers with light to dark skin pigmentations in the range of 70% - 100% against a laboratory CO-Oximeter. 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.



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