Newborn Sensors

Tailored to support the unique physiology of newborns

Featuring SET® Measure-through Motion and Low Perfusion™ pulse oximetry, Masimo Newborn Sensors:

> Provide reliable, high quality monitoring data during the critical first moments of life

> Use the fastest averaging time and maximum sensitivity settings for workflow efficiency

**Masimo**

Newborn Sensor Features

SofTouch™ sensors

> Automatically uses settings that optimize the monitoring of newborn pulse rate during the physiological changes that occur in the first moments of life
> VelAid™ SofTouch™ design allows for quick, easy sensor application and repositioning on newborn skin
> Hook and loop non-adhesive attachment strip keeps the sensor secure, even when site is wet

Neonatal   Infant / Pediatric

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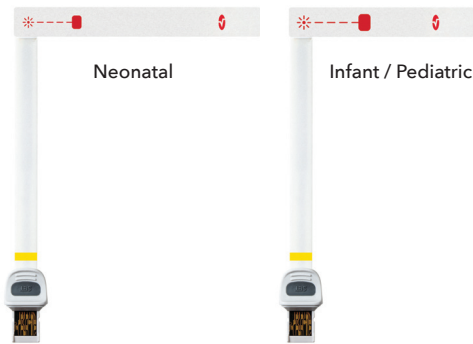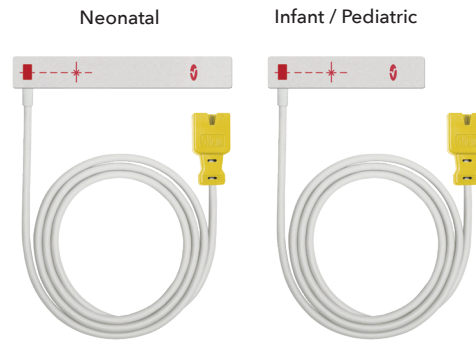
RD SET® SENSORS   **LNCS® SENSORS**

Specifications

ACCURACY (ARMS)[1]

Oxygen Saturation (%SpO2) Accuracy Range	70–100%
No Motion Pediatrics/Infants	2%
No Motion Neonates	3%
Motion Pediatrics/Infants/Neonates	3%
Low Perfusion Pediatrics/Infants	2%
Low Perfusion Neonates	3%
Pulse Rate (bpm) Accuracy Range	25–240 bpm
No Motion Pediatrics/Infants/Neonates	3 bpm
Motion Pediatrics/Infants/Neonates	5 bpm
Low Perfusion Pediatrics/Infants/Neonates	3 bpm

INFORMATION

Single-patient-use / Non-sterile / Packaged 20 per box / Does not contain natural rubber latex

MINIMUM BOARD AND SOFTWARE REQUIREMENTS

Newborn Sensors	Masimo SET® oximetry V4.1.0.0 or higher
Exceptions	
LNCS Newborn Sensors with MX-3 board	V7.9 or higher
RD SET Newborn Sensors with MX-1® board	V7.1 or higher
Pulse Rate Feature	MX-5 V7.D.1.0; MSX All Versions; MS2011SB V5.2.0.1

WEIGHT RANGE

Newborn Neonatal	<3 kg, hand or foot application
Newborn Infant/Pediatric	3–10 kg, thumb or great toe application
	10–30 kg, finger or toe application

ORDERING INFORMATION

RD SET Newborn Neonatal	4013
RD SET Newborn Infant/Pediatric	4012
LNCS Newborn Neonatal	2412
LNCS Newborn Infant/Pediatric	2413

PARAMETERS SUPPORTED

Oxygen Saturation (SpO2)
Pulse Rate (PR)
Perfusion Index (Pi)
Pleth Variability Index (PVi®)
Respiration Rate from the Pleth (RRp®)

[1] ARMS Aaccuracy is a statistical calculation of the difference between device measurements and reference measurements. Approximately two-thirds of the device measurements fell within ± ARMS of the reference measurements in a controlled study.

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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