

TFA-1™ Adhesive Forehead Sensors

Faster response to oxygenation changes during low perfusion



More than 100 independent and objective studies demonstrate Masimo SET® provides the most reliable oxygen saturation (SpO₂) and pulse rate (PR) measurements under challenging clinical conditions, including patient motion and low peripheral perfusion. Leverage the advantages of Masimo SET® pulse oximetry with a single-patient-use sensor for an alternative monitoring site to digit sensors.

- > Faster detection of desaturation/resaturation compared to digit sensors during low perfusion¹
- > Forehead site may provide oxygen saturation measurements that are less susceptible to peripheral perfusion changes
- > Offers easy access during surgery, resuscitation, and in patients with finger deformities, or when digit access is not possible
- > Avoids cross-contamination risks that accompany reusable sensors
- > Reduces complexity of reusable sensor management (cleaning, storage, and inter-department transport)

TFA-1 ADHESIVE FOREHEAD SENSORS

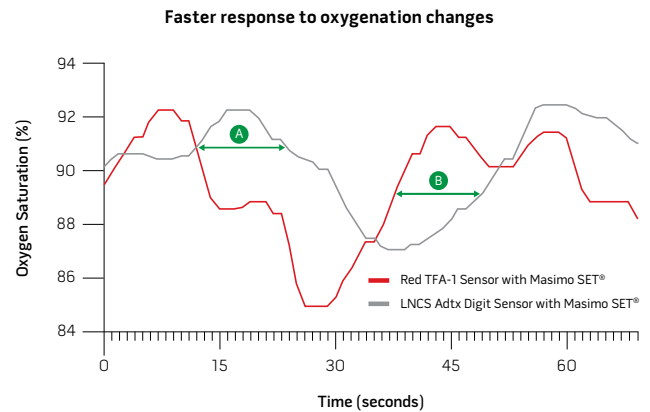


M-LNCS™ TFA-1 Sensor



LNCS® TFA-1 Sensor

The TFA-1 is available in both LNCS and M-LNCS connector versions, each with a flat cable for improved patient comfort. Weight range allows use on both paediatric and adult patients.



Desaturation of a Healthy Subject—The TFA-1 Sensor offers (A) faster detection of desaturation events; (B) faster indication of resaturation.

PERFORMANCE & ORDERING INFORMATION

Red TFA-1 Single-patient-use Transflectance Forehead Sensors

Non-sterile, No Natural Rubber Latex, Headbands included, Packaged 10/Box

LNCS RED TFA-1	
Part Number	3857
Description	Adult/Paediatric single-patient-use transflectance forehead sensor
Application Site	Forehead
Patient Weight	>10 kg

M-LNCS RED TFA-1	
Part Number	3855
Description	Adult/Paediatric single-patient-use transflectance forehead sensor
Application Site	Forehead
Patient Weight	>10 kg

OXYGEN SATURATION ACCURACY*	
Saturation	70–100%
No Motion	
Adults, Paediatrics	± 2% (1 Std Dev)
Low Perfusion	
Adults, Paediatrics	± 2% (1 Std Dev)

PULSE RATE ACCURACY	
Pulse Rate	25–240 bpm
No Motion	
Adults, Paediatrics	± 3 bpm (1 Std Dev)
Low Perfusion	
Adults, Paediatrics	± 3 bpm (1 Std Dev)

COMPATIBLE DEVICES	
Masimo or OEM monitors equipped with rainbow® or Masimo SET® MS-2000 circuit boards.	

TFA-1 Single-patient-use Transflectance Forehead Sensors

Non-sterile, No Natural Rubber Latex, Headbands included, Packaged 10/Box

LNCS TFA-1	
Part Number	3858
Description	Adult/Paediatric single-patient-use transflectance forehead sensor
Application Site	Forehead
Patient Weight	>10 kg

M-LNCS TFA-1	
Part Number	3856
Description	Adult/Paediatric single-patient-use transflectance forehead sensor
Application Site	Forehead
Patient Weight	>10 kg

OXYGEN SATURATION ACCURACY*	
Saturation	70–100%
No Motion	
Adults, Paediatrics	± 4% (1 Std Dev)
Low Perfusion	
Adults, Paediatrics	± 4% (1 Std Dev)

PULSE RATE ACCURACY	
Pulse Rate	25–240 bpm
No Motion	
Adults, Paediatrics	± 3 bpm (1 Std Dev)
Low Perfusion	
Adults, Paediatrics	± 3 bpm (1 Std Dev)

COMPATIBLE DEVICES	
Masimo or OEM monitors equipped with Masimo SET® or rainbow SET®	

¹ Redford DT et al. *Anesth Analg*. 2004;98(2S):S-94.

* SpO₂ accuracy has been validated on healthy adult male and female volunteers with light to dark skin pigmentations in the range of 70 to 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 Biotech 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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