

NomoLine[®] ISA[™] Gas Analyzers

Comprehensive, versatile capnography and multi-gas measurements



NomoLine infrared sidestream gas analyzers provide end-tidal carbon dioxide and multi-gas measurements (oxygen, nitrous oxide, and anesthetic gases) in a variety of clinical settings for all patient populations



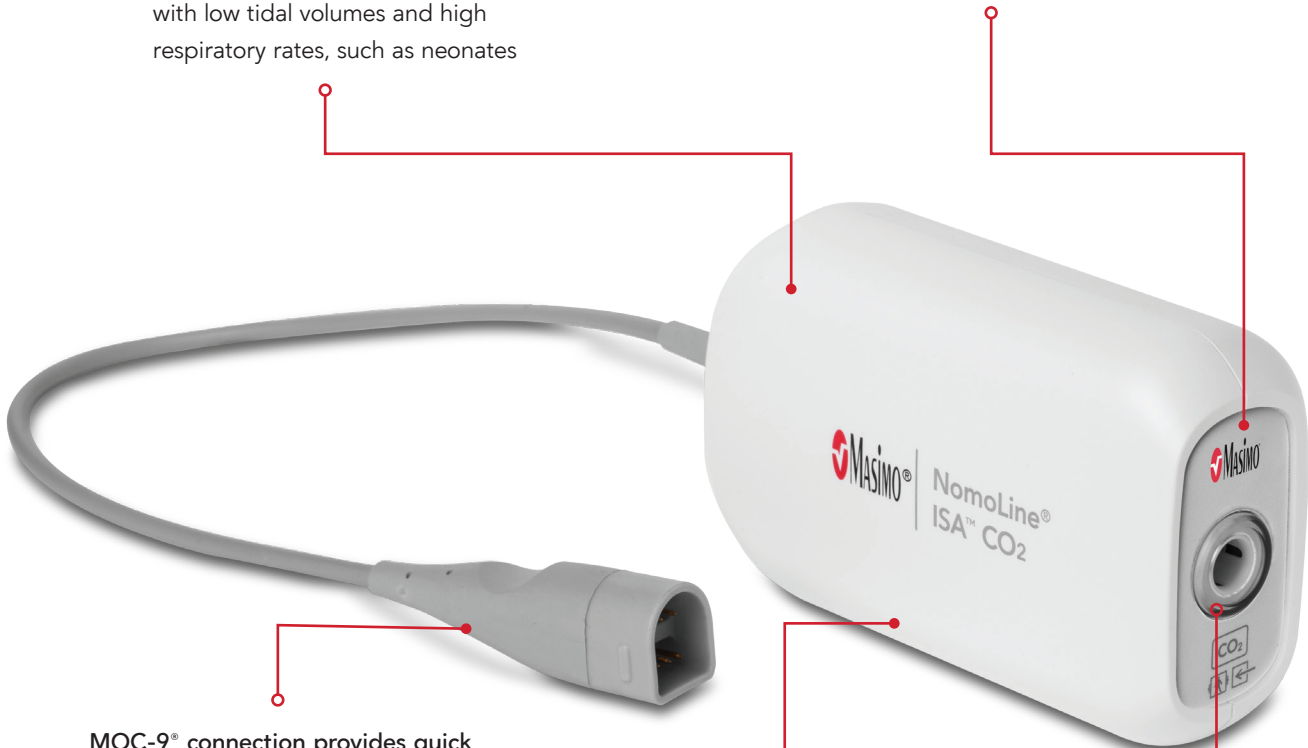
NomoLine ISA CO₂ Module

50 ml/min sampling rate and small sample cell (15µl) facilitate accurate measurements and crisp waveforms

- > Enables gas monitoring on patients with low tidal volumes and high respiratory rates, such as neonates

Calibration-free spectrometer enables fast start up, with full accuracy in less than 10 seconds¹

- > Provides fast, accurate data in emergency settings, helping clinicians respond quickly



MOC-9[®] connection provides quick integration with the Root[®] patient monitoring and connectivity platform

- > Combined use with other monitoring modalities provides a more comprehensive picture of patient status
- > Plug-and-play connection makes it easy to transfer to different clinical settings

Small, compact, lightweight module can be used in a variety of clinical settings and applications

- > Compact size reduces clutter and dedicated device footprint



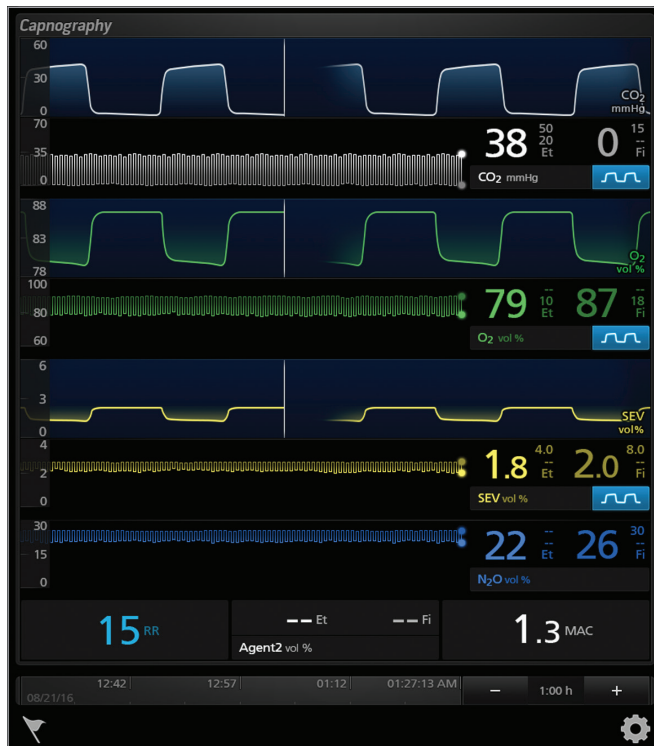
LEGI indicator

Light Emitting Gas Inlet (LEGI) indicator illuminates in different colors to provide visual indicators of ISA module status

- > Simple plug-in connector provides a leak-free connection to the ISA module
 - **Green:** Sampling line connected
 - **Red:** Replace sampling line
 - **Blue:** Measuring anesthetic gas*

* Applicable to NomoLine ISA CO₂. <20sec for the multi-gas monitoring modules

Masimo Device Display



Waveform Display

- > Real-time EtCO₂ waveform provides an easily interpretable display of capnography measurements
- > Real-time O₂ waveform displays oxygen consumption data

Agent ID

Gas algorithm with automatic recognition of up to 5 inhaled and exhaled anesthetic agents (Halothane, Desflurane, Sevoflurane, Isoflurane, and Enflurane)

- > Simultaneously measure and display up to 2 agents
- > More detailed data may facilitate efficient titration of anesthetic gases

Multi-gas Monitoring Solutions

- > Offer accurate gas measurements on a single device, providing a comprehensive picture of the patient's ventilation and gas exchange
- > Provide additional insight into the status of anesthetized patients, helping clinicians titrate anesthetic gases, when used in conjunction with SedLine® brain function monitoring
- > Low sample rate facilitates gas measurement on pediatric and neonatal patients



ISA OR+: Provides O₂ and anesthetic gas measurements in addition to capnography



ISA AX+: Provides anesthetic gas measurements in addition to capnography

ISA Gas Analyzers with Root and NomoLine Sampling Lines



- > NomoLine sampling lines with moisture removal technology provide accurate capnography and gas measurements
- > NomoLine sampling lines are available for long- and short-term applications for both intubated and non-intubated patients

Using NomoLine ISA gas analyzers on Root allows clinicians to take advantage of numerous additional features, including the ability to:

- > Access real-time and historical patient information
- > Automate the transfer of patient data to the EMR
- > View data remotely on intelligent patient dashboards

ISA Specifications

GAS MEASUREMENTS

Gas		
FICO ₂	0 to 15 vol%	± (0.2 vol% + 2% of reading)
EtCO ₂	0 to 15 vol%	± (0.2 vol% + 2% of reading)
RR	0 to 150 bpm	± 1bpm
N ₂ O	0 to 100 vol%	± (2 vol% + 2% of reading)
HAL, ISO, ENF	0 to 8%	± (0.15 vol% + 5% of reading)
SEV	0 to 10 vol%	± (0.15 vol% + 5% of reading)
DES	0 to 22 vol%	± (0.15 vol% + 5% of reading)
O ₂	0 to 100 vol%	± (1 vol% + 2% of reading)

ANALYZER CHARACTERISTICS

NomoLine ISA CO₂	
Weight	Approx. 98g (0.22 lbs)
Dimensions	91 mm x 60 mm x 37 mm (3.6" x 2.4" x 1.4")
Sampling Flow Rate	50 ± 10 ml/min
Warm up time	10 sec
NomoLine ISA AX+	
Weight	< 130g
Dimensions	33 mm x 78 mm x 49 mm (1.3" x 3.1" x 1.9")
Sampling Flow Rate	50 ± 10 ml/min
Warm up time	20 sec
NomoLine ISA OR+	
Weight	< 420 g
Dimensions	49 mm x 90 mm x 100 mm (1.9" x 3.5" x 3.9")
Sampling Flow Rate	50 ± 10 ml/min
Warm up time	20 sec

¹ See Operator's Manual.

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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