

# NomoLine<sup>®</sup> ISA<sup>™</sup> 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



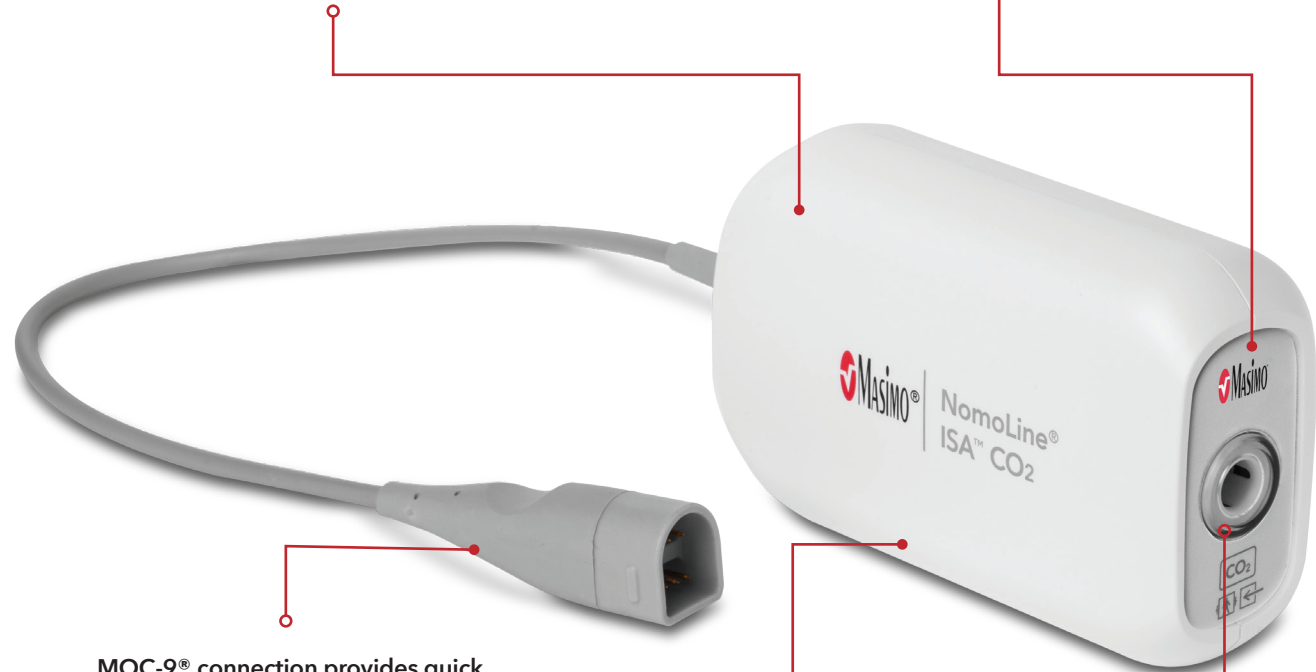
## NomoLine ISA CO2 Module

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 sigma spectrometer enables fast start up, with full accuracy in less than 10 seconds<sup>1</sup>

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

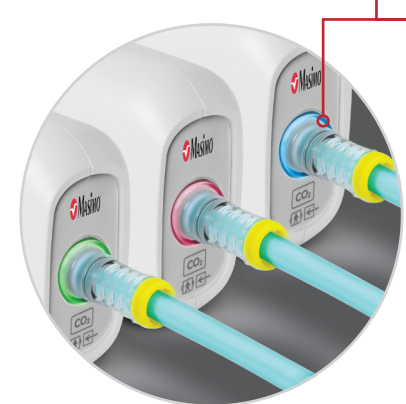


MOC-9® connection provides quick integration with the Root® patient monitoring and connectivity platform

- > 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 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	ANALYZER CHARACTERISTICS
<b>Gas</b> FiCO <sub>2</sub> ..... 0 to 15 vol% ..... ± (0.2 vol% + 2% of reading) EtCO <sub>2</sub> ..... 0 to 15 vol% ..... ± (0.2 vol% + 2% of reading) RR ..... 0 to 150 bpm ..... ± 1bpm N <sub>2</sub> 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 <sub>2</sub> ..... 0 to 100 vol% ..... ± (1 vol% + 2% of reading)	<b>ISA CO<sub>2</sub></b> 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  <b>ISA AX+</b> 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  <b>ISA OR+</b> 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

<sup>1</sup> 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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