NomoLine®
ISA™ Gas Analysers

Comprehensive, versatile capnography and multi-gas measurements

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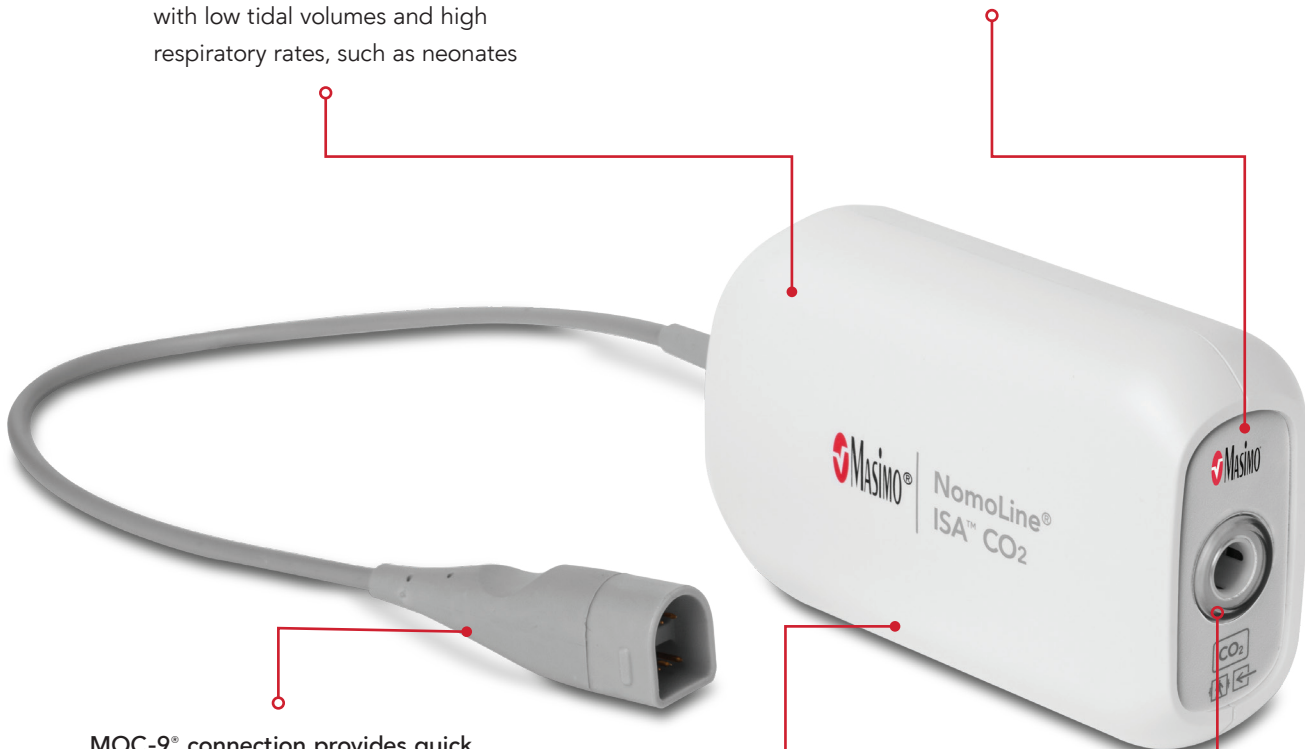
♥ Masimo

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 seconds[1]

> Provides fast, accurate data in emergency settings, helping clinicians respond quickly
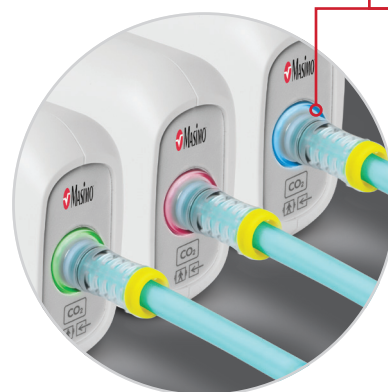
MOC-9® connection provides quick integration with the Root® patient monitoring and connectivity platform

> 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

LEGI indicator

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

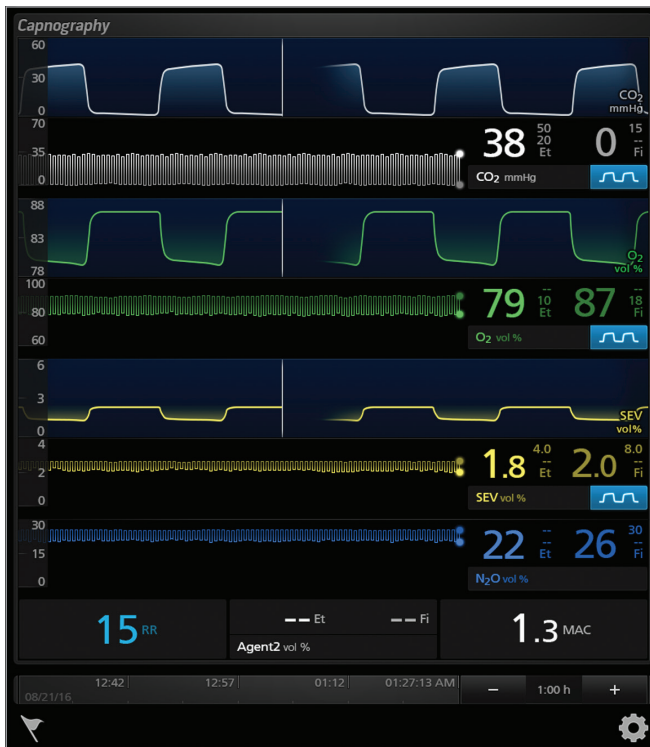> Compact size reduces clutter and dedicated device footprint

Light Emitting Gas Inlet (LEGI) indicator illuminates in different colours 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 anaesthetic 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 anaesthetic agents (Halothane, Desflurane, Sevoflurane, Isoflurane, and Enflurane)

> Simultaneously measure and display up to 2 agents

> More detailed data may facilitate efficient titration of anaesthetic 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 anaesthetised patients, helping clinicians titrate anaesthesthic gases, when used in conjunction with SedLine® brain function monitoring

> Low sample rate facilitates gas measurement on paediatric and neonatal patients

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

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

ISA Gas Analysers 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 analysers 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_2O	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)

ANALYSER 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.

For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

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