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 sigma spectrometer enables fast start up, with full accuracy in less than 10 seconds
  - Provides fast, accurate data in emergency settings, helping clinicians respond quickly

- 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

- 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

- 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

* Applicable to multi-gas monitoring modules
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

<table>
<thead>
<tr>
<th>GAS MEASUREMENTS</th>
<th>ANALYZER CHARACTERISTICS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gas</strong></td>
<td><strong>ISA CO2</strong></td>
</tr>
<tr>
<td>FICO₂</td>
<td>Weight: Approx. 98g (0.22 lbs)</td>
</tr>
<tr>
<td>EICO₂</td>
<td>Dimensions: 91 mm x 60 mm x 37 mm (3.6” x 2.4” x 1.4”)</td>
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<tr>
<td>RR</td>
<td>Sampling Flow Rate: 50 ± 10 ml/min</td>
</tr>
<tr>
<td>N₂O</td>
<td>Warm up time: 10 sec</td>
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<tr>
<td>A, I, O₂</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>ISA AX+</strong></td>
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<tr>
<td></td>
<td>Weight: &lt; 130g</td>
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<td></td>
<td>Dimensions: 33 mm x 78 mm x 49 mm (1.3” x 3.1” x 1.9”)</td>
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<td></td>
<td>Sampling Flow Rate: 50 ± 10 ml/min</td>
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<tr>
<td></td>
<td>Warm up time: 20 sec</td>
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<tr>
<td></td>
<td><strong>ISA OR+</strong></td>
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<td>Weight: &lt; 420 g</td>
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<td></td>
<td>Dimensions: 49 mm x 90 mm x 100 mm (1.9” x 3.5” x 3.9”)</td>
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<td>Sampling Flow Rate: 50 ± 10 ml/min</td>
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<td>Warm up time: 20 sec</td>
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</tbody>
</table>

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.