

ELECTROCHEMICAL H₂S SENSORS

SUPERIOR PERFORMANCE FOR AMI H₂S ANALYZERS

AMI's electrochemical H₂S SENSORS are at the core of our high-performance Trace Hydrogen Sulfide Analyzers. The sensors for the **MODELS 3010BX** and **3000BX** Trace H₂S Analyzers are available in two different ranges to fit your application requirements. The low range is designed for applications up to 200 ppm of H₂S while the high range can support installations up to 2,000 ppm of H₂S.

DESIGN, PERFORMANCE, & QUALITY

AMI's H₂S SENSORS are constructed as a three electrode amperometric electrochemical cell. They generate a current that is linearly proportional to the volume of hydrogen sulfide in the gas sample. Every AMI H₂S SENSOR undergoes a battery of performance tests to ensure they meet our strict quality standards.

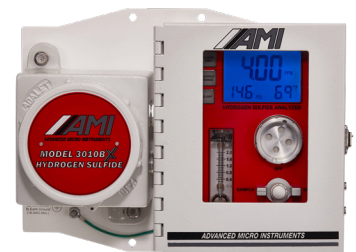
PART NUMBER	4SEN21 ²	4SEN22 ²	4SEN26 ^{2,3}
DESCRIPTION	Low Range	High Range	Low Range
MEASUREMENT RANGE	0 – 200 ppm	0 – 2000 ppm	0 – 200 ppm
MINIMUM RANGE	0 – 10 ppm	0 – 100 ppm	0 – 10 ppm
SENSITIVITY ¹	0.1 ppm	1 ppm	0.25 ppm
SPECIAL CONDITIONS			Methanol Resistant

Notes:

- Sensitivity is the minimum change in H₂S in the gas stream that will be detected by the sensor.
- Sensor shelf life is 6 months at 40°F to 86°F (5°C to 30°C) in original packaging from date of shipment.
- 4SEN26 is not compatible with all installations. Consult AMI factory prior to selection.



Model 3000BX
Portable Trace H₂S Analyzer



Model 3010BX
Trace H₂S Analyzer

PERFECT MATCH – AMI SENSORS AND ANALYZERS

Use only AMI H₂S SENSORS with AMI Trace H₂S Gas Analyzers for the best performance and to prevent damage to the analyzer. AMI's H₂S SENSORS and analyzers are precisely designed, configured, and factory verified to work together to provide safe, fast, and reliable measurements in harsh applications. AMI H₂S SENSORS are compatible with the **MODEL 3010BX** Trace H₂S Gas Analyzer and **MODEL 3000BX** Trace H₂S Portable Gas Analyzer.

15501 Red Hill Avenue, Suite 100, Tustin, CA 92780 USA
www.amio2.com | Tel: 1.714.848.5533 | Email: sales@amio2.com