



PROCESS INSTRUMENTS

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**AMETEK BROADENS CAPABILITIES OF MODEL 5100-NCM GAS ANALYZER
TO INCLUDE CARBON DIOXIDE AND MOISTURE/METHANE ANALYSIS**

Analyzer Uses Tunable Diode Laser Absorption Spectroscopy Technology

ISA Booth # 1927

PITTSBURGH, PA – AMETEK Process Instruments has broaden the capabilities of its Model 5100-NCM (Non-Contact Moisture) Gas Analyzer to include analysis of carbon dioxide and moisture/methane in hydrocarbon streams.

The Model 5100-NCM utilizes tunable diode laser absorption spectroscopy technology. It offers natural gas and hydrocarbon producers, pipeline operators and service companies with a highly reliable and cost-effective method for quickly and accurately measuring water vapor (moisture), methane and carbon dioxide concentrations in natural gas and hydrocarbon streams. The 5100-NCM has a limit of detection in the low ppm range for moisture and carbon dioxide.

The laser-based analyzer features compact, fully enclosed optics and sample conditioning, on-board moisture verification, and all digital signal processing. The rugged, compact unit is available in an IP-65 and NEMA 4 enclosure with both Modbus and Ethernet analog and digital connectivity.

AMETEK Process Instruments—the leader in on-line analytical instrumentation with the industry’s most extensive product line—offers analyzers based upon eleven differentiated technology platforms and used by markets ranging from oil, gas, and power to pharmaceutical manufacture and semiconductor chip manufacturing.

AMETEK Process Instruments is a unit of AMETEK, Inc., a leading global manufacturer of electronic instruments and electric motors. For more information on the full line of AMETEK’s analytical instrumentation, contact AMETEK Process Instruments, 150 Freeport Road, Pittsburgh, PA 15238. Phone: 412-828-9040 Fax: 412-826-0399. Web site: www.ametekpi.com

Other AMETEK Process Instruments locations are 455 Corporate Blvd., Newark, Delaware, 19702 USA. Phone: 800-222-6789. Fax: 302-456-4444; 2876 Sunridge Way NE, Calgary, AB T1Y 7H9. Phone: 403-235-8400 Fax: 403-248-3550; and 9750 Whithorn Dr., Houston, TX 77095. Phone: 281-463-2820. Fax: 281-463-2701. E-mail: sales.info@ametek.com

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[Click here for a hi-res image of the Model 5100-NCM Analyzer](#)