

Natural Gas Process Instrumentation

- Instrumentation for gas treating, processing and pipeline transmission
- Global presence and world class service support
- Customer support through customized solutions & new product development
- Over 5000 successful field installations worldwide
- Continuous product development for the natural gas industry

AMETEK Process Instruments...Your partner for quality instrumentation for the natural gas industry.

Moisture: QCM

- || Quartz-crystal accuracy with NIST traceable on-line moisture verification in a cost competitive package
- || Fast speed-of-response to changes in moisture levels
- || Designed for dehydration and gas quality monitoring; continuous and reliable measurement of PPMV moisture
- || Portable and stationary models offer wide range of options



Model 3050-OLV

Moisture: Portable

- || Designed for spot analysis or temporary installations
- || Easy to use, accurate readings
- || Units use or are based on electrolytic (P2O5) technology
- || Meets Class I Div. II requirements



Model 303B



MC 2000



5100 NCM

Moisture: Laser

- || Tunable Diode Laser Absorption Spectroscopy (TDLAS) model with integrated non-contact moisture verification
- || Extremely low maintenance results in low cost of ownership
- || Web browser based interface for remote interrogation
- || Suitable for outdoor installation -20°C to +50°C.
- || 5 ppm limit of detection

Natural Gas Process Instrumentation

Integrated Analyzer Shelters

- || AMETEK Western Research builds integrated gas quality and custody-transfer monitoring systems to meet your specific site location requirements



Custom Shelters



Model 933

Dew Point Analyzers and Manual Dew Point Testers

- || Based on first-principal chilled mirror technology
- || Measure the hydrocarbon dew point of natural gas
- || Manual dew point testers available from Chandler Engineering and automatic hydrocarbon dew point testers available from Western Research

Chanscope II
Dew Point Tester



241CEII



Hydrogen Sulfide Analyzers

- || Uses UV Photometry for fast response
- || Applications include sweetening process control and gas quality/ custody transfer monitoring
- || No lead-containing paper tape or mechanical drives
- || No consumables, disposables or reagents
- || Measurable H₂S concentrations from single digit PPMV to 100%
- || COS and methyl mercaptan measurements available as options

Gas Chromatographs

- || On-line BTU analyzer capable of C1-C6 analysis
- || Capable of individual component concentration, Wobbe Index, Relative Density and compressibility measurements
- || Multi-stream capability
- || Suitable for installation in hostile environments
- || Model 292—Easy to operate portable version

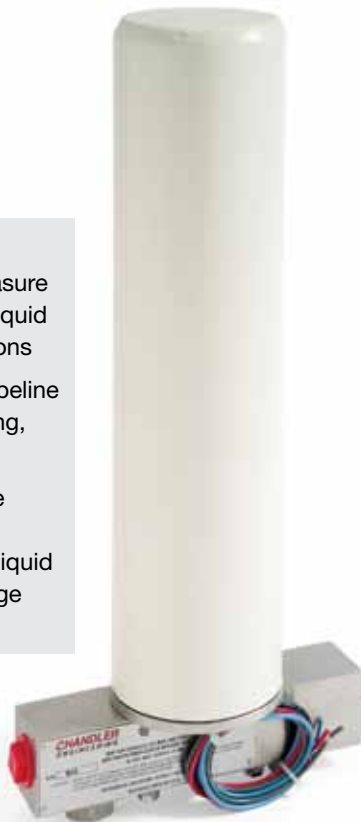


Model 2920

Model 292

Liquid Density

- || Uses vibrating tube to measure the density of the flowing liquid at actual operating conditions
- || Accurate fluid metering, pipeline interface detection, blending, process control, etc.
- || Excellent quality assurance device and non-intrusive method for identifying the liquid flowing into or out of storage tank



Model 278

Specific Gravity

- || Low maintenance costs; Portable and fixed installation models available
- || Non-complex, low-cost method quality assurance verification when specific gravity is an indication of gas quality or composition



Ranarex

AMETEK[®]
PROCESS INSTRUMENTS

150 Freeport Road, Pittsburgh, PA 15238
Ph. +1-412-828-9040, Fax +1-412-826-0399
www.ametekpi.com



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One of a family of innovative process analyzer solutions from AMETEK Process Instruments.
Specifications subject to change without notice.

SALES AND MANUFACTURING:

USA - Delaware
455 Corporate Blvd., Newark DE 19702 • Tel: +1-302-456-4400, Fax: +1-302-456-4444

USA - Oklahoma
2001 N. Indianwood Ave., Broken Arrow OK 74012 • Tel: +1-918-250-7200, Fax: +1-918-459-0165

CANADA - Alberta
2876 Sunridge Way N.E., Calgary, AB T1Y 7H9 • Tel: +1-403-235-8400, Fax: +1-403-248-3550

WORLDWIDE SALES AND SERVICE LOCATIONS:

USA - Texas
Tel: +1-713-466-4900, Fax: +1-713-849-1924

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Tel: 33 1 30 68 89 20, Fax: 33 1 30 68 89 29

GERMANY
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INDIA
Tel: 91 80 6782 3200, Fax: 91 80 6782 3232

SINGAPORE
Tel: 65 6484 2388, Fax: 65 6481 6588