

Moisture Analyzers for Industry

AMETEK's moisture analyzers use quartz-crystal microbalance technology, the leading technology worldwide, to provide the most accurate, fastest moisture measurement available. They provide measurement from the ppmv level through low ppbv levels and are available in a variety of packages to meet all your moisture measurement requirements. If you need accurate, fast, reliable moisture measurement, you need AMETEK.

Model 3050-OLV Moisture Analyzer (Limit of Detection: 0.1 ppmv)

AMETEK's Model 3050-OLV Moisture Analyzer combines quartz-crystal accuracy with on-line verification in a cost-competitive package. This highly sensitive moisture analyzer is designed for applications that require continuous and reliable measurement of ppmv moisture in gases and vapors. A NIST-traceable moisture generator allows you to quickly verify analyzer performance giving you confidence in the analyzer's analysis.

The 3050-OLV's unmatched speed of response to changes in moisture levels enables the unit to catch a moisture problem as it happens. Its exceptional accuracy, on-line-verification capability, and repeatability guarantee that industrial gas specifications are met. The Model 3050-OLV is available in general purpose, weather-proof, and explosion-proof configurations. air is now obligatory.



Model 3050-OLV provides ppmv moisture measurement with an unmatched speed of response and exceptional accuracy.

levels in gases. It is completely compatible with virtually all non-corrosive gases including inerts (He, Ar, Ne, Xe, Kr), O₂, H₂, N₂, NO, CO, hydrocarbons, air, and many others. The NIST-traceable internal moisture generator allows users to quickly verify analytical performance at any time on their sample gas. The Model 5800 is available as a bench-top or 19"-rack installation.

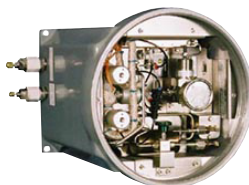


Model 5800 provides exceptional accuracy from high ppbv to low ppmv levels.

Model 3050-SLR for Super Low Range Moisture Analysis

(Limit of Detection: 0.1 ppmv)

The Model 3050-SLR is an explosion-proof moisture analyzer specially designed for increased accuracy in the critical, super low range of zero to one ppmv. The Model 3050-SLR measures moisture concentration



The Model 3050-SLR provides measurement in the critical, super-low range of zero to one ppmv.

directly in ppmv, ppmw, lb/mmscf or mg/Nm³. The 3050-SLR is able to self-verify its accuracy

and sensitivity to moisture using a built-in zero module and internal moisture generator and is equipped with a NIST-traceable moisture generator. The Model 3050-SLR is compatible with all light hydrocarbons.

Model 5000 Moisture Analyzer

The versatile AMETEK Model 5000 is a highly sensitive moisture analyzer for process applications where continuous, reliable ppmv measurement of moisture in vapors and gases is required. It is capable of sequentially measuring up to four sample streams. The 5000 has the ability to self-verify its performance. It is specific to water in almost all applications. Hydrogen and oxygen do not interfere. No process temperature or pressure compensation is required. The analyzer's controller provides complete monitoring and control of the analyzer's operation. A broad range of packaging options enable the controller to be installed wherever needed. The field unit for the Model 5000 is explosion proof.



Model 5000 is capable of measuring multiple sample streams.

AMETEK®
PROCESS INSTRUMENTS

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MoistInd (05/24/07)

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