

# Moisture Analysis: GYPSUM

Know the test results for Gypsum within minutes and eliminate unnecessary titration tests. Replace costly titration tests with our Computrac® MAX® 5000XL. Our MAX® 5000XL gives you the lowest cost possible for tests normally completed using a titration method.

If you want results for: FREE MOISTURE %, DIHYDRATE % or HEMIHYDRATE %... The MAX® 5000XL will provide the answer ALL IN ONE TEST!

The Computrac MAX® 5000XL advances the state of the art in rapid moisture and ash analysis with a new temperature controlled balance and high temperature lift compensation algorithm that provides users with more stable and accurate measurements.

The instrument also features a temperature ramp control feature that allows the MAX® 5000XL to be used for qualitative analyses that were previously only possible using a thermogravimetric analyzer (TGA).

The MAX® 5000XL features the same intuitive user interface and rugged design as its predecessor the MAX® 5000. Improvements to the design and high temperature performance of the balance system of the MAX® 5000XL now make it possible to accurately analyze materials with ash concentrations of as little as 0.5%. The calibrated, instrument specific, high temperature lift compensation algorithm replaces the static lift compensation factor of previous models, resulting in more precise readings during ash / L.O.I. analyses.

The following are a few additional Gypsum tests that can be performed with the Computrac® Moisture Analyzer:

- Free and Bound Moisture - our link test combines moistures in one test sequence
- Purity of Gypsum - our equipment identified free/combined purity in mined and synthetic Gypsum
- Emulsions
- Rehydration - weight gain feature for identifying solubles
- Ashing - calculations for fiber content

Partial List of companies using Arizona Instrument's MAX® 2000XL and/or MAX® 5000XL analyzers for Gypsum and Gypsum byproducts.

Power Plants:

Dayton Power & Light, American Electric Power, Southern Company, Indiana Power, Allegheny Energy, Santee Cooper, Cinergy, Duke Energy

Call for a free trial or quote at 800.528.7411 or 602.470.1414, or email [sales@azic.com](mailto:sales@azic.com). Also, feel free to visit us online at [www.azic.com](http://www.azic.com).