

Moisture Analysis: Gypsum Coal Fired Power Plants

Computrac[®] MAX 5000XL

Moisture | Solids | Ash Analyzer



The Computrac[®] MAX[®] 5000XL provides:

Elimination of unnecessary cost associated with Titration and TGA Methods
Accurate test results for Gypsum within minutes
Ease of use with lowest cost per test

FREE MOISTURE %, DIHYDRATE % or HEMIHYDRATE % results 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 more expensive thermogravimetric analyzer (TGA).

The design and high temperature performance of the balance system of the MAX[®] 5000XL makes it possible to accurately analyze materials with ash concentrations of as little as 0.5%. The calibrated instrument specific, high temperature lift compensation algorithm results in more precise readings during ash / LOI 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. Also, feel free to visit us online at www.azic.com.