



# Moisture Analysis

## GYPSUM

## COAL-FIRED POWER PLANTS

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 new 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 / L.O.I. analyses.

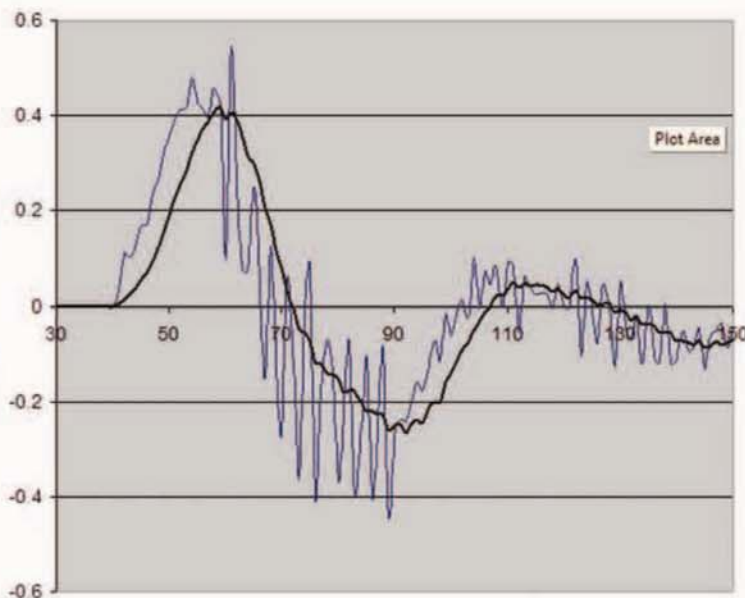
The following are a few additional Gypsum tests that can be performed with the Computrac® Moisture Analyzer:

- 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



**Stephanie Blaha**  
Senior Account Representative  
Direct Line: 602.281.1726  
Toll Free: 800.528.7411 x1726  
sblaha@azic.com