

## Moisture Analysis for Paper Production



When manufacturing paper and paper products **moisture content is a crucial** component of the final product. Moisture helps bind the fibers together; too little moisture will result in poor structural integrity, but if you have **too much moisture**, your paper will become **wavy and be prone to discoloration**. The production process and the environment can cause the level of moisture to change from day to day. Because of this volatility and the importance of moisture in the final **product testing should be conducted to ensure quality**.

Arizona Instrument LLC is the exclusive manufacturer of the Computrac® Moisture Analysis Instrumentation, the leader in moisture/solids analysis. Computrac® Moisture Analyzers are at the cutting edge for testing moisture within a sample. Computrac® Moisture Analyzers **process samples in minutes**, while **other methods take hours**. This speed is teamed up with a durable exterior, to make a Computrac® Moisture Analyzer perfect for the production floor. With a Computrac® Moisture Analyzer testing samples throughout the manufacturing process, you can minimize the need for quality control, saving time and money.

Another feature that makes Computrac® Moisture Analysis Instrumentation particularly useful for the paper industry is ash analysis. The MAX® 5000 can heat a sample up to 600°C and ignite it. The left over **ash is used to measure the amount of fiber** content in the material. The sealed testing component and heavy insulation protects the user from the heat. Computrac® Moisture Analyzers are designed to serve the user; they are easy to use and have many **convenience features**. For example the MAX® 5000 will store data from the last 1,000 tests and graph from the last 100 tests.

Computrac® Moisture Analysis instrumentation, manufactured by Arizona Instrument LLC, is **easy to use and programmable**, which means you can spend less time testing and more time producing. Arizona Instrument LLC has multiple products with differing features. The Computrac® MAX® 2000XL, MAX® 4000, MAX® 5000 and 5000XL are available to meet your moisture/solids analysis needs.

Call us today for more information on how to start a **FREE** trial!

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