

APPLICATIONS

Adhesives & Sealants
Biomass
Black Liquor | Paper
Corrugated | Solid
Fiber Boxes
Forest Products
Gypsum
Loss on Ignition
Metal Components
Metal Mining/Slurry
Paperboard Mills
Power Plants
Pulp Mills
Trona
Wood Pellets

CERTIFICATIONS

ASTM D6980-04
Standard Test Method
for Determination of
Moisture in Plastics
by Loss in Weight

ASTM D7232-06
Standard Test Method
for Rapid Determination of
the Nonvolatile Content of
Coatings by Loss in Weight

UL and CE



COMPUTRAC® MAX® 5000XL Moisture | Solids | Ash/LOI Analyzer

The Computrac® MAX® 5000XL advances the state of the art rapid moisture determination with ash analysis and a new temperature controlled balance that provides users with more stable and accurate measurements. The new analyzer also features a temperature ramp control feature that allows it to be used for qualitative analyses that were previously only possible using a thermogravimetric analyzer.

SPECIFICATIONS

Sample Size	100 mg to 100 g
Resolution Moisture	Moisture 0.0001%; Balance: 0.0001 g
Moisture Solids Range	0.1% to 99.9%
Dry Weight Range	0-300%
Ashing Range	Measures ash/L.O.I. down to 0.5%
Heating Range	25 - 600°C, programmable in 1°C increments
Test Parameter Memory	Storage of up to 250 Programs
Power Requirements	100-130 VAC, 50/60 Hz @ 8 Amps 220-240 VAC, 50/60 Hz @ 4 Amps Fused on/off switch as part of an EMI power entry module
Heater Calibration	NIST Traceable using an accessory Temperature Calibration

FEATURES

Measures Moisture or Solids from 0.1% to 99.9% in Minutes
Temperature Ramping in 1°C Increments for Sample Characterization
Linked Test Capability for Multiple Results from a Single Sample
Inert Gas Purge Capability
Security Access Codes to Protect Programs or Instrument Settings
Computer Interface or Company Intranet Access Capable
Customizable test parameters to optimize results
Ashing-rate program controls ignition to minimize flashing
Real-time graphing of weight loss, rate and end point prediction
Foil and syringe weight entry mode for the most volatile samples
Nitrogen gas purge minimizes oxidation of samples and flashing of volatiles
Weight control aids operators and improves test precision
Statistical function calculates mean, standard deviation and coefficient of variation
Alphanumeric programmable prompts for sample ID and lot numbers
Self cleaning oven simplifies routine maintenance