

COMPUTRAC®

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 D6980-09
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
ISO 9001:2008

MADE IN THE USA



ARIZONA INSTRUMENT LLC
3375 N Delaware St | Chandler, AZ
www.azic.com



COMPUTRAC® MAX® 5000XL

Moisture | Solids | Ash Analyzer

Rapid loss on drying instrumentation has proven to provide a more desirable method of moisture measurement when compared to traditional loss on drying techniques. The ease of use and reduction in test times increases manufacturing efficiency while simultaneously reducing energy costs.

FEATURES

Temperature Calibration Interface (TCI) Module (optional)
provides the user the ability to calibrate and verify the heater is calibrated to NIST standards, ensuring optimal performance and moisture results

21 CFR Part 11 Compliant (optional)

Accuracy, Durability, Reliability, Consistency and Speed

Four Decimal Place Balance

Parameter Expert (develop parameters to match reference method)

Programmable Temperature Ramp Control

Linked Test Capability for Multiple Results from a Single Sample

Security Access Codes to Protect Programs or Instrument Settings

Customizable Test Parameters to Optimize Results

Real-Time Graphing of Weight Loss, Rate and End Point Prediction

Foil and Syringe Weight Entry Mode for the Most Volatile Samples

Weight Control Aids Operators and Improves Test Precision

Statistical Function Calculates Mean, Standard Deviation and Relative Standard Deviation

Alphanumeric Programmable Prompts for Sample ID and Lot Numbers

Self Cleaning Oven Simplifies Routine Maintenance

Ethernet and Serial Ports, USB

Web Server (optional)

SPECIFICATIONS

Moisture Solids Range	0.1% to 99.9%
Ash Range	Measures ash/LOI down to 0.5%
Moisture Resolution	Moisture 0.0001%; Balance: 0.0001 g
Moisture Repeatability	>10% <5% Relative Standard Deviation >0.1% <0.1 Standard Deviation
Ash Repeatability	>10% ≤5% Relative Standard Deviation >0.5% ≤0.1 Standard Deviation
Balance Resolution	0.0001 g

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Temperature Range	25 - 600°C 50 - 300°C controlled to ± 1°C 301 - 600°C controlled to ± 2°C
Sample Size	100 mg to 100 g
Ending Criteria	Prediction, Rate, Time, Time or Rate, Reliability Temp then Predict, Temp then Rate, Temp then Time or Rate
Test Parameter Memory	Storage of up to 250 programs, 1000 test results, and 100 data curves
Statistical Analysis Results Display	Mean, Standard Deviation, Relative Standard Deviation % Moisture, % Solids, % Dry Weight, % Ash, % LOI Linked test results - individual and total results are displayed after a linked series
Linked Test Program Dry Weight Range Balance Calibration	Programmable temperatures for multistage testing 0-300% Menu driven calibration and verification in the field Programmable calibration reminder
Heater Calibration	Menu driven NIST traceable using an accessory TCI Module
Self Diagnostics Access Code	Built in hardware and software diagnostics software Programmable through front panel Two codes available for different levels of instrument access
Power Requirements	100-120 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
Dimensions	18.5" L x 12.7" W x 9.5" H
Weight	32 lbs.
Warranty	Two years, factory parts and labor (one year international)

ACCESSORIES

600-0268	Hi-Temperature Ash Sample Basket
990-0093	Carrying Case
Y990-0098	Printer Kit, Parallel 110V
Y990-0193	Temperature Calibration Interface (TCI) Module Kit 110V
Y990-0197	Parameter Expert Upgrade

PARTS

300-0585	Ashing Ring
690-0003	Weight, 3 Gram
690-0004	Weight, 5 Gram
690-0025	Weight, 50 Gram

CONSUMABLES

800-0037	Sodium Tartrate, Reagent 500g
990-0003	Filter Paper, 11cm (Pack of 100)
990-0008	MAX Waffle Sample Pan (Box of 100)
990-0010	MAX Flat Sample Pan (Box of 100)
990-0198	MAX Thick Sample Pan (Box of 100)
990-0199	MAX High Wall Sample Pan (Box of 100)
990-0204	MAX Waffle for Ash Sample Pan (Box of 100)

FREE Sample Testing
FREE Trials
FREE Loaners

Sales Representatives
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Extended Warranties and Parts
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