



Computrac[®] MAX[®] 5000 Moisture/Solids/Ash Analyzer

 **Speed**

 **Accuracy**

 **Reliability**

 **Consistency**

 **Ease of Use**

 **Free Trials**

 **Free Loaner Service**

 **24-Hour Customer Support**

 **Free Application Development**

Featuring these Great Capabilities:

Stores up to 250 user-programmable parameter sets for customized product testing

Wide temperature range provides programmable start and test temperatures from 25-600°C

Security feature can restrict access to program and instrument settings

Automatic, menu-driven operation makes the instrument simple and easy to use

Stores 1,000 test results and graphs from the last 100 tests

Linked test capability for free and bound moisture

Obtain moisture/solids/ash results all in one test

Computer interface capabilities

Ashing rate control

Self-cleaning oven



**Technological Breakthrough
Moisture/Solids/Ash All in One Test!**

Arizona Instrument
800-528-7411
602-470-1414
www.azic.com

Computrac[®] MAX[®] 5000

Moisture/Solids/Ash Analyzer



Features:

- Self-cleaning oven simplifies routine maintenance
- Customizable test parameters optimize test results
- Flexible ending criteria ensure accurate test results
- Linked test programs determine free and bound moisture
- Ashing rate program controls ignition to minimize flashing
- Real-time graphs of test's rate, moisture, and end point prediction
- Foil weight entry mode tests paint solids at OEM assembly plants
- Security feature locks out unauthorized changes to test parameters
- Nitrogen purge minimizes oxidation of samples and flashing of volatiles
- Programmable starting temperatures aid in producing consistent results
- User-programmable target sample weights aid in producing consistent results
- Syringe function eliminates solvent evaporation and captures accurate start weight
- Statistical features calculate mean, standard deviation, and relative standard deviation

Specifications:

Sample Size	200 mg to 100 g
Resolution	Moisture: 0.0001%; Balance: 0.0001 g
Moisture/Solids Range	0.1% to 99%
Dry Weight Range	0 - 300%
Results Display	% Moisture, % Solids, % Dry Weight, % Ash, % Loss on Ignition
Ending Criteria	Predict (auto or manual), Reliability, Time, Rate, Time or Rate, Temperature then Predict, Temperature then Rate, Temperature then Time or Rate
Heating Range	25 - 600°C, programmable in 1°C increments Maintained to ±1.5°C within the range 25 - 275°C and ±2°C within the range 275 - 600°C
Test Parameter Memory	244 user-programmable test parameter sets
Test Result Memory	Data from last 1,000 tests, graphs from last 100 tests
Program Identification	Alphanumeric; programmable prompts for lot or product ID number
Statistical Calculation	Mean, Standard Deviation, and Relative Standard Deviation
Power Requirements	100-120 V~, 50/60 Hz, 1 amp (standby) or 8 amps (heat on)
Interfaces	RS-232 (9-pin standard); parallel printer (LPT-PC standard); RJ-45 (ethernet)
Dimensions	18.5" L x 12.5" W x 10" H / 470 mm L x 323 mm W x 254 mm H
Weight	31 lbs / 14 kg
Warranty	Two years, factory parts and labor (one year international)



Accessories:

Multi-point Temperature Calibration Module
Printer

Sample Basket
Carrying Case