



# Moisture/Solids/Ash Analyzer

## 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**

 **Speed**

 **Accuracy**

 **Reliability**

 **Consistency**

 **Ease of Use**

 **Free Application Development**



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

# 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:

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

### Accessories:

- Multi-point Temperature Calibration Module
- Printer
- Sample Basket
- Carrying Case