



Computrac® MAX® 4000XL

Moisture/Solids Analyzer

The Computrac® MAX® 4000XL provides the same reliability and ruggedness as the MAX® 2000XL, but with 25% faster throughput!

Significant performance enhancements including uniform heating and a lid fan that rapidly cools the heat chamber to reduce time between tests and allow for greater ease of use and accuracy. A color LCD comes standard on this instrument to make it more user friendly.

The Parameter Expert feature available assists a user with the development of a test that will produce results that match a specified reference method. An optional web server allows a user with Internet Explorer to download a complete calibration report, view the LCD screen, download and upload test programs, download test results and test graph data, and download an audit log. The audit log tracks test program changes, calibrations, test result deletions, system errors and power on events.



- **Accuracy, Durability, Reliability, Consistency and Speed**
- **Fan Assisted Cool-Down provides 25% Improvement in Throughput**
- **Color LCD Display**
- **Programmable Temperature Ramp Control**
- **Four Decimal Place Balance**
- **21 CFR Part 11 Compliant**
- **USB and Ethernet Ports**
- **Free Trial and Loaner Service**
- **24 Hour Customer Support**
- **Free Method Development over the Lifetime of the Instrument**

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Additional Features:

- Optional bi-directional communication package for data storage and retrieval from PC and easy programming of multiple instruments
- Linked temperature programs determine free and bound moisture
- Stores 1000 test results and includes statistical features to calculate mean, standard deviation and relative standard deviation
- User-programmable target sample weight from 100 mg to 40 g improves test precision
- Starting temperatures are programmable in 1°C increments
- Syringe test mode eliminates solvent evaporation and captures accurate start weight
- Optional nitrogen purge minimizes oxidation of samples and flashing of volatiles
- Foil weight entry mode for paint solids at OEM assembly plants
- Easy setup of test parameters to ensure optimum test results
- Flexible ending criteria to ensure accurate test results
- Real-time graph of sample drying curve
- Relation equation editor calculates and displays results which are related to the parameters used to calculate % moisture
- Lithium Battery with Flash Memory

MAX[®] 4000XL Specifications:

Sample Size	100 mg to 40 g
Resolution	Moisture: 0.0001 %; Balance: 0.0001 g
Moisture/Solids Range	0.005% to 100%
Dry Weight Range	0-300%
Results Display	% Moisture, % Solids, or % Dry Weight
Ending Criteria	Predict (Auto or Manual), Rate, or Time
Heating Range	25°C to 275°C controlled to ±1°C
Test Parameter Memory	Storage of up to 250 Programs;
Program Identification	Alphanumeric and/or symbols; programmable prompts for lot or product ID numbers
Test Result Memory	Data from last 1000 tests, graphs from last 100 tests
Statistical Calculation	Mean, Standard Deviation, and Coefficient of Variation (CV, % RSD)
Power Requirements	110-120V~, 50/60 Hz, 1 amp (standby) or 8 amps (heat on), or 210-240V~, 50/60 Hz, 0.5 amps (standby) or 4 amps (heat on)
I/O Interfaces	RS-232 (9-pin standard); USB Host for Printer, Keyboard, RJ-45 (ethernet)
Dimensions	9.5" H x 11.75" W x 19.5" D/240 mm H x 300 mm W x 495 mm D
Weight	33 lbs/15 kg
Warranty	Two years, factory parts and labor (one year international)
Certifications	UL and CE (Pending)

Accessories:

- Multi-Point Temperature Calibration Module
- Printer
- Bi-directional Communication Package
- Validation Package
- Bar Code Scanner
- Nitrogen Purge Control Module
- Sample Basket
- Nitrogen Purge Fittings
- Carrying Case