



ARIZONA INSTRUMENT LLC

Computrac[®] MAX[®] 2000XL

Moisture/Solids Analyzers

- Speed
- Accuracy
- Durability
- Reliability
- Consistency
- Ease of Use
- Free Loaner Service
- Free Trial Instruments
- 21 CFR Part 11 Compliant
- 24-Hour Customer Support
- Free Application Development

Lift compensation - compensates for pan lift caused by convection currents in moisture analyzers utilizing Loss-on-Drying technology

Optional multi-point temperature calibration module (utilizes NIST-traceable RTD calibrated to $\pm 1^{\circ}\text{C}$)

Precision Heater with programmable start and test temperatures from 25 - 275°C

User-programmable calibration prompts for simple balance and temperature calibration

Optional validation package and on-site validation services available

Storage of up to 250 test programs for single-button, product-customized testing

Security feature restricts access to program and instrument settings

Automatic, menu-driven operation requires minimal user skills

Self-diagnostics alert operator of any instrument problems

Wide detection range from 0.005% - 100.0%



Arizona Instrument
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Features:

- Optional bi-directional communication package** for data storage and retrieval from PC and easy programming of multiple instruments
- Ramped temperature programs** for quicker test times
- Linked temperature programs** determine free and bound moisture
- Software stores over 100 test results** and includes statistical features to calculate mean, standard deviation and relative standard deviation
- User-programmable target sample weight** from 150mg to 40g eliminates test variables
- Starting temperatures are programmable** in 1°C increments
- Syringe test mode** eliminates solvent evaporation and captures accurate start weight
- Nitrogen purge** minimizes oxidation of samples and flashing of volatiles
- Foil weight entry mode** for paint solids at OEM assembly plants
- Easy setup of product methods** to ensure optimum test results
- Flexible ending criteria** to ensure accurate test results
- Real-time graph** of test's drying curve

Specifications:

Sample Size	150 mg to 40 g
Resolution	Moisture: 0.001%; 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 - 275°C, set in 1°C increments and maintained to ±1°C within the range of 100 - 200°C
Test Parameter Memory	250 Programs
Program Identification	Alphanumeric and/or symbols; programmable prompts for lot or product ID numbers
Test Result Memory	Data from last 108 tests
Statistical Calculation	Mean, Standard Deviation, and Coefficient of Variation
Power Requirements	100-120V~, 50/60 Hz, 1 amp (standby) or 8 amps (heat on), or 220-240V~, 50/60 Hz, 0.5 amp (standby) or 4 amps (heat on)
Interfaces	RS-232 (9-pin standard); Parallel Printer (LPT - PC Standard)
Dimensions	9.5" H x 12" W x 24" D / 235 mm H x 300 mm W x 575 mm D
Weight	32 lbs / 13.9 kg
Warranty	Two years, factory parts and labor (one year international)
Marks	U.S. and Canadian Underwriters Laboratory; European Communities - CE



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Accessories:

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