



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



COMPUTRAC® Vapor Pro® Moisture Specific Analyser

The Computrac® Vapor Pro® provides a GREEN, fast, easy, and cost-effective alternative to Karl Fischer titration methods. It is an ideal choice for companies who want to make quality products as efficiently as possible by saving time and money, improving dryer efficiencies and eliminating costly rework and downtime expenses.

Features

- Temperature Calibration Interface (TCI) Module (optional)
- 21 CFR Part 11 Compliant (optional)
- No Toxic Reagents or Specialized Glassware
- Automatic, Menu Driven Operation Requires Minimal User Skills
- Automatic Sample Loading
- Self-Diagnostics Alert Operator of any Instrument Problems
- Security Feature Restricts Access to Program and Instrument Settings
- Optional Multi-Point Temperature Calibration Module utilizes NIST-Traceable RTD to $\pm 1^{\circ}\text{C}$
- Validation Package and Validation Services Available
- Real-Time Graph of Moisture Curve and Rate of Moisture Loss
- Accuracy, Durability, Reliability, Consistency and Speed
- Continuous Display of Test Time, Current Temperature, Programmed Test Temperature, Current Microgram Water Measurement, and Calculated Moisture Content
- Statistical Features Calculate Mean, Standard Deviation and Coefficient of Variation (C.V.)
- Easy Setup of Product Methods to Ensure Optimum Test Results
- Flexible Ending Criteria to Ensure Accurate Test Results
- Programmable Temperatures to $\pm 1^{\circ}\text{C}$



Specifications

Moisture Range	10 ppm (10 μg 0.0010%) to 100%
Moisture Resolution	1 ppm (0.1 μg 0.0001%)
Repeatability	$\leq 10\%$ C.V. $> 0.1\%$ moisture $\leq 15\%$ C.V. $< 0.1\%$ moisture dependent on sample properties
Temperature Range	25°C to 275°C controlled to $\pm 1^{\circ}\text{C}$ of set point
Sample Size	0.01 g (10 mg) to 20 g dependent upon expected moisture level and sample density

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Registered in England No: 01851002
VAT No: GB 417 2481 61





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Specifications

Automatic Test Ending Method	Rate Threshold, user adjustable Time, user adjustable Prediction Time then Rate, user adjustable
Test Parameter Memory	Storage of up to 100 user programs, retains last 30 sample test runs
Statistical Analysis	Mean, Standard Deviation (S.D.), Coefficient of Variation (C.V.)
Results Display	% Moisture, ppm Moisture, µg Water
Sensor Calibration	Manual calibration with NIST traceable capillary tubes
Self Diagnostics	Built in hardware and software diagnostics
Power Requirements	100-120 V~, 50/60 Hz, 8 amps maximum, or 220-240 V~, 50/60 Hz, 4 amps maximum
Dimensions	5.75" H x 14.5" W x 14" D (not including bottle loader/ramp)
Weight	19 lbs (8.6 kg)
Warranty	Two years, factory parts and labor (one year international)

Accessories

990-0092	Carrying Case Assembly
Y990-0082	External Balance with Cable, 110V
Y990-0098	Printer Kit, Parallel 110V
Y990-0142	Temperature Calibration Interface (TCI) Kit, 110V
Y990-0143	Dry Air Generator Kit 110V
Y990-0163	Validation Protocol (IQ/OQ/PQ) Kit
Y990-0196	Vapor Pro Communications Software Kit
Y990-0249	Technology Transfer Kit (Binder & CD)

Parts

Y990-0116	Dessicator Kit (Inline)
Y990-0161	Needle Replacement Kit

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Consumables

990-0150	1.0 Microliter Microcaps
990-0229	High Temperature Sample Bottles
Y990-0206	Kit: Septa (50), Caps (10); High Temperature
Y990-0226	Bottle Testing Assemblies: (10), Metal Caps (10), Septa (10)

Applications

Agricultural Products
Automotive
Batteries
Biological Products
Bulk | Intermediate
Chemicals
Electronics
Explosives
Fine | Specialty
Chemicals
Injection Molders
Oils | Greases
Petrochemicals
Petroleum Refinery
Plastic Recycling
Polymers
Powder Bulk Solids
Resin Manufacturing
Rubber | Plastics

Certifications

ASTM D7191-10
Standard Test Method
for Determination of
Moisture in Plastics by
Relative Humidity
Sensor
UL and CE
ISO 9001:2008

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