



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



COMPUTRAC® Vapor Pro® Fx Moisture Specific Analyser

The Vapor Pro® Fx moisture analyzer accurately measures moisture levels in liquids and most oils down to 10 ppm. Results are achieved in as few as 3 minutes and may be displayed as percent moisture, parts per million moisture, or micrograms of water. The Fx utilizes a sealed flow-path that purges the system with dry air or nitrogen between tests, thus preventing moist air from entering or trapping itself within the system. This process accurately reads moisture content without the addition of ambient air humidity or volatiles burned off during the test.

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
- 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

Reading Office

Cutbush Park, Danehill, Lower Earley,
Reading, Berkshire. RG6 4UT. UK.
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Aberdeen Office

Unit 6 Airside Business Park, Kirkhill Industrial Estate,
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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 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 syringe
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
Weight	19 lbs (8.6 kg)
Warranty	Two years, factory parts and labor (one year international)

Accessories

990-0227	Vapor Pro Fx Stand
990-0068	Syringe, 1.0 microliters
990-0092	Carrying Case Assembly
990-0178	Digital Syringe
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
Y990-0196	Vapor Pro Communications Software Kit
Y990-0249	Technology Transfer Kit (Binder & CD)

Parts

990-0200	Waste Jar Assembly
990-0201	Waste Jar Lid
Y990-0116	Dessicator Kit (Inline)

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Consumables

990-0058	Calibration Port Septum
990-0132	Sample Port Septa

Applications

Chemicals
Food | Oils
Lubes
Petroleum
Service Oils
Transformer Oils

Certifications

ASTM D-7546: Standard
Test Method for
Determination of Moisture
in New and In-Service
Lubricating Oils and
Additives by Relative
Humidity Sensor

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