

new

TrueDry CV9 Moisture Content Analyzer

AQUA
LAB
BY DECAGON



- **Save More Than 150 Labor Hours a Year.**
Drying nine samples at once eliminates tedious weighing tasks and hand-written records. Customers who measure 12 moisture samples in a typical work day will save more than 150 hours of labor a year.
- **Dry Instead of Burning.**
Driving off water at lower temperatures delivers the repeatability of oven drying with the efficiency of a moisture balance.
- **Control Contact Drying for Better Precision.**
Heating elements above and below each sample precisely control the sample temperature for significantly better results.
- **Dry to a standard.**
Desiccated air in the sample chamber dries each sample to a consistent vapor pressure.

TrueDry CV9 Multi-sample Moisture Content Analyzer

Bringing the Precision of Oven Drying to the Modern Lab.

Moisture Content Done Right.

Measure moisture content of nine samples with just **four minutes of hands-on work time** and a forty minute read time with the new TrueDry Moisture Content Analyzer.

How it Works

To start a measurement, prepare each sample, place sample pans in the rotating tray, close the lid, and select a program.

Just One Interruption

TrueDry lets you select drying temperature and dry to a specific time or to constant weight. Weight is monitored digitally and automatically during drying, meaning just **one interruption** of your workflow to measure **nine samples**.

Controlled Contact Drying

Using a method called "controlled contact drying," TrueDry **heats the sample, not the sample chamber**. Heater coils and sensors are located just millimeters from each individual sample for **precise temperature control**.

Dries to a Standard

TrueDry finishes the drying process by passing **heated, desiccated air** over the sample. Each sample is dried to 1% relative humidity, so you know your samples have been **dried to a common standard**.

Primary Method

Get the precision of an oven method with the efficiency of rapid loss on drying. TrueDry allows you to use published AOAC, ASTM, and ISO standards instead of secondary methods that drive off more than just water.

Learn More. Visit www.aqualab.com/truedry to see the TrueDry in action, call 509-332-2756 or email sales@aqualab.com for a quote.

CV9

SPECIFICATIONS

AquaLab TrueDry CV9 is a high precision moisture analyzer that measures the moisture content of nine samples at a time using primary methods. TrueDry dries all samples to a standard 1% RH.

Measurement Values

Moisture Range	0.1% to 99%
Repeatability (4g Sample)	0.05%
Repeatability (10g Sample)	0.01%
Sample Weight Range	1 to 25 g
Moisture Content Measuring Method	Loss on drying using any Standard Method

Balance

Readability	0.0001 g
Max Weight	50 g
Min Weight	0 g
Calibration	Menu Driven

Drying Unit

Temperature Tech./Heat Source.....	Resistive coils-conductive heat (<i>convective heat in lid</i>)
Temperature Range	50 to 150 °C
Temperature Control	±1 °C
Temperature Adjustment Increments ...	1 °C

Unit

Number of Samples	9
Sample Cup Diameter	5.7 cm (2 1/4")
Chamber Humidity	1% (0.01 a _w)
End of Analysis Mode	Time or Weight Trigger
Units of Results	% moisture, weight loss, % dry solids
Data Storage	8 GB
Display	7" LCD touch screen
Output	USB storage device
Power Requirements.....	110 to 220 VAC, 500 W
External Dimensions	17"x 20" x 15"
Net Weight	60 lbs.



For Questions or a Quote

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