

ADVANCED MOISTURE BALANCE



SCIENCE OF SENSING

Model FD720



Tomorrow's Testing, Today !
1-800-438-5388

Advanced Moisture Balance

The Ultimate Moisture Balances - Cost Effective Quality

The FD720 moisture balance provides all of the features found in competitive models at thousands less than their price. This simple-to-use device allows the user to quickly and accurately measure the moisture content in any liquid or solid. Using the principle of loss on drying, the FD720 automatically weighs a sample, dries it, measures the weight loss due to drying and calculates the moisture (or solid) content of the product. Kett Moisture Balances are ideal for chemicals, pharmaceuticals, foods, pulp/paper products, polymers and most products containing organic substances. Tests can be conducted by personnel of any skill level and can be used both at-line and in the laboratory.

Simple Operation Yet Extremely Versatile

To operate, simply set the time and temperature for the test, place the sample into the heating tray, close the lid and press start. The test will run to completion, and the moisture content will be automatically shown on the large LC Display. 120gram sample capacity is larger than all halogen systems, providing the ability to accurately measure non-homogenous samples. Seven measurement modes, 10 product drying programs, and 100 test memory provides tremendous versatility. Data can be output to optional printers or PC's for full traceability. This feature as well as password protection for instrument and program settings allows you to maintain GMP, GLP, and ISO compliance.

Designed for Years of Stable Use

The mid-ir quartz heating element lasts 5-10 times longer than halogen or older infrared heat sources. The patented Kett internal auto-taring system systematically checks and adjusts the balance during testing to ensure that each test is accurately measured, even when conducted over long periods (up to four hours of continuous drying). Integrated temperature compensation, sealed membrane keypad, and simple operation all combine to provide years of service from the FD720. Kett stands behind the FD720 with a full **Three-Year** manufacturer's warranty on parts and labor. Kett's dependability and reliability allow you to productively focus on improving your product's quality and not waste time calibrating and verifying our gauges.

Accessories

A full set of accessories is available for the FD720. Disposable aluminum weigh pans, dispersion sand for liquid testing, weight standards for calibration, temperature calibrator, sample grinder, output cables for PC/Printer connection and an optional thermal printer provide the user with a solution for any moisture testing project.

Specifications

Model	FD720
Measurement Range	0-100% WB 0-500% DB
Minimum Indication	.01% or 1mg
Accuracy	.02%- 10 g sample .05% - 5 g sample
Display	Moisture Weight Measurement Time Temperature
Drying Time	Up to 240 minutes
Measurement Weight	120g max.
Sample Pan	130mm Dia., 13mm Deep
Temperature Range	30-180°C +/- 1°C
Power Source	AC100-120/220-240
Measuring Principle	Drying by Heat Loss of Weight (LOD)
Heat Source	625W MIR Heater
Display	Backlit LCD
Output	RS232C - Printer/PC
Measurement Modes	Timed/Continuous High speed/Low-speed/Stepped Automatic/Predictive
Weight	4.5kg/10lbs.
Dimensions (mm)	190Hx220Wx415D

Full Line of Moisture Testing Instruments

Manufacturing over 100 moisture analyzers, Kett can provide a solution for any moisture/composition measurement application. If you need to measure product composition, wish to place an order, or require additional guidance on model selection, please call Kett toll-free!

1-800-GET-KETT

Tomorrow's Testing, Today!

Kett offers a complete line of innovative measurement devices — for laboratory, field, and process applications. If your company needs fast, accurate measurements, get Kett!



PMB 504, 17853 Santiago Boulevard,
Suite 107, Villa Park, CA 92861
714-974-8837 • 714-974-8877 (FAX)
1-800-438-5388
www.Kett.com
Sales, Support, Service