

# เครื่องวัดความชื้น Moisture Balance

## AL Series



Type	AL-1005	AL-1001	AL-1205	AL-1201	AL-601
Accuracy	0.005g	0.001g	0.005g	0.001g	0.0001g
Max.Capacity	100g		120g		60g
Readability	0.01%		0.01%		0.001%
Weighing sensor	Made-in-China		HBM		Electromagnetic Force Sensor
Temperature range	40-180°C		40-230°C		40-200°C
Heating source	High efficiency ring halogen lamp 450W				
Heating way	Gentle, standard, fast				
Halt mode	Automatic, manual, timed				
Result display	Test temperature, test time, moisture content, solid content, dry weight, dynamic curve, moisture regain, solid content, weight loss, dry weight, test method, sample name				
Tray material	Stainless				
Tray diameter	Φ90mm				
Interface	Standard RS232 communication interface, which can be connected to printers, PCs and other peripheral devices, and USB can be customized				
User management	Password protection, multiple users, auto-lock				
Display Screen	5"HD				
Product size	370x215x195mm				
Package size	445x300x330mm				
weight	NW:3.8kg    GW:4.8kg				
Standard configuration	One host machine, one stainless steel sample plate, one tripod stand, one heat collecting plate, one calibration weight, one certificate of conformity, and one instruction manual				

## **Product description**

ALZRO series rapid moisture analyzer is a new type of high-precision rapid moisture testing instrument.

It is designed using the principle of pyrolysis gravimetry. At the same time, the instrument measures the weight of the sample, and the halogen heating unit and moisture evaporation channel quickly dry the sample. During the drying process, the instrument continuously measures and instantly displays the moisture content % lost by the sample during the drying process. After drying is completed, the final measured moisture content is locked. Press the display key to observe the moisture value, initial weight value, and starting value. Test time and other data, and can connect to a printer to print data.

Compared with the traditional oven heating method, halogen heating can reach a large heating power in a short time, and the sample is quickly dried at high temperature, which greatly speeds up the measurement time. Generally, samples can be completed in just a few minutes, and the test results are in good consistency with the national standard oven method and are replaceable.

### **Scenes to be used:**

Suitable for research institutes, universities, inspection institutes, metrology institutes, enterprises and institutions, widely used in various industries such as plastics, grain, feed, powder, tobacco, paper, food (dehydrated vegetables, meat, noodles, flour, biscuits, pies , aquatic product processing), tea, beverages, cereals, chemical raw materials, pharmaceuticals, textile raw materials, etc., test the free ion moisture contained in the samples.

### **Features:**

- (1) Instead of the national standard oven method, it has a wide range of uses and is suitable for moisture measurement in various industries;
- (2) Domestic sensors, German HBM, and imported electromagnetic force sensors are available, with high measurement accuracy, long service life, and stable performance;
- (3) One-click operation, graphical guidance for users, simple and easy to use;
- (4) The efficient heating system and temperature control system can measure the moisture content of samples within minutes, thereby ensuring fast response times for quality control and process control;
- (5) The heating chamber is made of pure stainless steel, which is durable and easy to clean.

- (6) Unique windshield design makes the instrument weighing system more stable
- (7) 5-inch high-definition touch screen with rich data display (curve graph, time, real-time temperature, moisture, solid content, program module)
- (8) No need to manually record results, supports standard printout, RSS232 serial port, can expand computer communication, printer communication, PLC and network manage

