

## ALZRO NEW PRODUCT - ECONOMICAL MOISTURE METER



|  Technical Specification |                                                                                                                                                                              |          |          |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| Model number                                                                                              | AL-1005E                                                                                                                                                                     | AL-1102E | AL-1201E |
| Weighing accuracy                                                                                         | 0.005g                                                                                                                                                                       | 0.002g   | 0.001g   |
| Moisture readability                                                                                      | 0.02%                                                                                                                                                                        | 0.01%    | 0.01%    |
| Maximum weighing                                                                                          | 100g                                                                                                                                                                         | 110g     | 120g     |
| Temperature range                                                                                         | 40℃-160℃                                                                                                                                                                     |          |          |
| Heating source                                                                                            | Halogen lamp                                                                                                                                                                 |          |          |
| Ambient temperature                                                                                       | 5℃-40℃                                                                                                                                                                       |          |          |
| Heating method                                                                                            | Standard, fast, gentle                                                                                                                                                       |          |          |
| Shutdown method                                                                                           | Automatic, manual, timing                                                                                                                                                    |          |          |
| Sample plate material                                                                                     | Aluminum                                                                                                                                                                     |          |          |
| Sample plate diameter                                                                                     | Φ100mm                                                                                                                                                                       |          |          |
| Display content                                                                                           | Moisture value, solid content, moisture regain rate, initial value of sample, weight of water loss, final value of sample, test time, test temperature, sample name          |          |          |
| Communication interface                                                                                   | RSS232                                                                                                                                                                       |          |          |
| Test data storage                                                                                         | 100group                                                                                                                                                                     |          |          |
| User management                                                                                           | one                                                                                                                                                                          |          |          |
| Custom sample name                                                                                        | Yes                                                                                                                                                                          |          |          |
| Display screen                                                                                            | 4.3 inch screen                                                                                                                                                              |          |          |
| Product size                                                                                              | 198×296×276mm                                                                                                                                                                |          |          |
| Input voltage                                                                                             | 220V-50Hz / 110V-60Hz                                                                                                                                                        |          |          |
| Package size                                                                                              | 360×270×260mm                                                                                                                                                                |          |          |
| NW/GW                                                                                                     | 2.26kg / 3.35kg                                                                                                                                                              |          |          |
| Packing list                                                                                              | One main machine, 5 sample plates, one triangle bracket, one heat plate, a pair of tweezers, one calibration weight, one power cord, one stylus, one manual, one certificate |          |          |

## Product description

ALZRO economical 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.

## Product real picture:



## 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) Simple installation and operation, easy to use, without professional training
- (2) The machine is small and exquisite, complete in function and cost-effective
- (3) The test speed is fast, the accuracy is high, the repeatability is good
- (4) There is no need to manually record the results, and 100 groups of test data can be saved

**Operation instructions:**

- (1) Use the bracket to place the weighing plate on the bearing bracket and set it to zero;
- (2) Take an appropriate amount of uniform sample and lay it on the weighing plate;
- (3) After sampling is completed, close the heating device;
- (4) When the weight is stable, tap the "Test" icon to open the instrument for testing;
- (5) Wait for the determination to be completed automatically, display the moisture determination results, and record the data;
- (6) Clean the sample and return to the weighing interface to prepare for the next measurement;
- (7) The instrument comes with data storage, which is more convenient for record viewing;
- (8) RSS232 communication interface, can be connected with the printer to print test data.