

MesuLab®



MesULab

Lab & Medical Instruments Global Golden Supplier

ME-YLS/DHS Series Halogen Moisture Analyzer



Applications

First, we need to know that the technical features of moisture meter make it more extensive applied in life, in pharmaceutical applications. No matter when and where, we are able to make our life more wonderful, because moisture meter in pharmaceutical application helps people solve a lot of problems.

Second, the application of moisture meter has its existence in industry. Whether in industry of plastics or chemical engineering, in tea leaf or spinning and weaving, or rubber, and so on, it is everywhere. To some extent, this makes our life easier.

The last point is the application of moisture meter in agriculture and food industry. As we all know that the moisture meter has been applied in the industry of meat, vegetable seeds, grain and cookies, which makes our life more quickly. At the same time it also makes our life happier.

In short: halogen moisture meter can be widely used in the industries which need quick method to determine the water content, such as in the labs of medicine, grain, feed, seeds, rapeseed, dehydrated vegetables, tobacco, chemicals, tea, food, meat, and textile, agriculture and forestry, paper making, rubber, plastics, textile and other industries and the requirements of determination of moisture in the process of production; at the same time it meets the needs of moisture content determination of the solid, particles, powder, colloid and liquid.

Theory of Operation

Halogen moisture meter is a new rapid moisture testing instrument. Circular halogen lamp ensures samples of even heating with simple operation, accurate measurement. When measuring the samples weight, at the same time, halogen moisture meter uses annular tube heating mode, rapidly dries samples, in the process of drying, moisture meter keeps measuring and displays the quantity of samples moisture loss, after drying, the final determination of moisture content value will be locked display. Compared with the oven heating method, halogen heating method can evenly rapidly dry samples at high temperature, not damaging the surface of the samples. Alternatively, the test results have good consistency with the method of national standard oven, while the detection efficiency is much higher than the oven method. For it just needs a few minutes to complete tests.

Halogen moisture meter, easy to operate and test accurately, the part of display adopts LCD screen - make it more clear and bright. On the screen can display the moisture content, samples of initial content and final content of the samples, test time, temperature, initial and final value of the temperature and other data respectively. Also, it can connect with the computer and printer.

Introduction

Display: LCD display

Drying technology: Ring halogen lamp

Heating Temperature range: RT to 160°C

Interface: RS232

Pan diameter: Φ 90mm

Power supply: 110v/220v \pm 10% , 50/60 \pm 1Hz

Packing dimensions: 37*33*21.5&10KG (Net weight : 6KG)

Function: Moisture , drying weight percent, ATRO drying weight, ATRO moist weight.

Specifications

Model	ME-YLS16A	ME-YLS16D	ME-YLS16C	ME-YLS16B	ME-DHS16	ME-DHS16-A	ME-DHS20-A
Moisture Range	0-100%						
Maximum Weighing Capacity	20g	50g			100g		
Reading accuracy	2mg	5mg	2mg	1mg	5mg	2mg	1mg
Moisture Readability	0.01%	0.02%	0.01%	0.01%	0.02%	0.01%	0.01%
Moisture accuracy	0.01%						
Moisture Reproducibility	0.1%	0.2%	0.1%	0.1%	0.2%	0.1%	0.1%
Heating Time range	1-99min						
Temperature Control Accuracy	1°C						
Display items	Before dry in weight,after-drying weight ,the method of ending,the remaining time of heating (min), heating temperature,driage, drying rate,moisture weight rate,moisture regain rate						

Detailed Pictures





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Focus On Quality

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