Electronic Moisture Analyzer
Precision Halogen Moisture Tester Meter

Brief Introduction

Mositure Analyzer is used for determination of the moisture in samples.

Testing

In the processing of heating and drying we obtain the moisture according to the weight loss of sample.

The speed and quality of testing could refer to the following parameters. Setting parameters can be confirmed by several trail testing.

The best testing t result depends on the following things:

Heating Temperature. Heating Time. Sample Work. Sample Types

Heating Temperature

Heating temperature control heating time (eg. Lower temperature will need more time.)

Heating temperature requires no any disintegration and change of chemical structure. (Generally setting is 105˚C , except requirements of samples and industry.)

For some sample, different moisture content will be measured at different heating temperature. In this case, try to increase the temperature to compensate the errors of testing.

Weight of sample

The weight of sample affect testing time and repeatability of result. Max weight is 50 g.

More samples, more moisture to evaporate.

Fallowing table show the relatonshio between sample and repeatability.

(The figue is just for reference)

Model	DSH-50-1	DSH-50-5	DSH-50-10
Capacity (g)	50 g		
Readability (g)	0.001 g	0.005 g	0.01 g
Repeatability (g)	0.2 %	0.3 %	0.5 %
Min. Weight of Sample (g)	0.5 g		
Propse Sample Weight (g)	0 - 10 g		
Heating Time (M.)	1 - 99 minutes (stepping is 10 seconds)		
Heating	Standard		
Working Temperature	10 - 30 degree		
Interface	Rs232		
Time Control	Setting time by artificially or automatically		
Heating Temperture	50 - 160 (stepping is 1 degree)		
Display	Moisture% , Solid% , Weight , Time , Temperature		
Pan (mm)	100 mm		
Outline (mm)	285 X 160 X 150 mm		
N. W. / G. W. (kg)	3 kg / 4.2 kg		
Heating Way	Halogen		