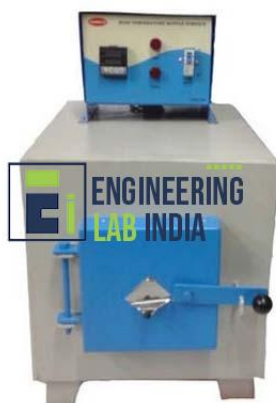


Product Name :
Ash Content Apparatus

Product Code :
LABENGINEERING-INDIA-CAT110013



Description :

Ash Content Apparatus

Technical Specification :

Procedure:

An Ash test involves taking a known amount of sample, placing the weighed sample into a dried / pre-weighed porcelain crucible, burning away the polymer in an air atmosphere at temperatures above 500°C, and weighing the crucible after it is has been cooled to room temperature in a desiccator.

Ash residue remaining in the crucible is considered filler unless the residue is less than 1%.

Residues of less than 1% are typically the result of additives that did not burn off.

Data:

The Ash test result is expressed as % ash.

A magnified optical examination of the ash residue is performed to determine if the ash is glass, mineral, or a combination of both.

The total ash content equals the weight of the ash divided by the weight of the original sample multiplied by 100%.

Specifications:

Internal Chamber Size: Width 10cm x Height 10cm x Depth 22.5cm

System Status: Digital

Heating: Through custom high grade nichrome wire

Temperature Controller: Micro processor based double display digital PID controller

Temperature Range: Ambient to 950°C

Temperature Accuracy: $\pm 5^{\circ}\text{C}$ or better

Timer: Micro processor based double display digital timer at optional

Timer Range: Up to 999.9 Seconds / Minutes

Safety MCB / Fuse: Fuse available on electric panel

Insulation: 100mm double wall thick cera-wool insulation

Power Supply: 230V AC, Single phase, 50Hz

Ash Content Apparatus from India for Engineering Lab

Ash Content Apparatus, Trainer, Engineering Lab, Engineering Lab Equipment, Mechanical Engineering, Lab Equipment, Fuel Testing, Fuel Testing Trainer, India



Engineering Lab Equipment India