



Brief Details:

The Asphalt Content/Binder Furnace with internal automatic balance is an environmentally-friendly and cost-effective method for the accurate determination of asphalt content. Ignition method reduces testing time compared to solvent testing methods and automatic operation frees technicians for other tasks. Accurate internal balance monitors weights automatically throughout ignition. Easy operation- simply enter sample weight, calibration factor, load the sample, and push start, when unit beeps at test end, push stop, and sign receipt.

Technical Specifications	
Exterior body	Fabricated from Mild Steel Material
Exterior Body Paint	Powder coating in attractive shades
Inner chamber	Constructed from stainless steel with matt buffing
Insulation	High Temperature cera wool insulation
Insulation thickness	75 mm (3 Inches)
Chamber Dimensions	350 x 350 x 350 mm
Chamber volume	42 Liters
Max weight of specimen	4500 gms
Commendatory weight of specimen	1000-1500 gms
Capacity of balance	10 kg
Precision of balance	0.1 gms
Max working temp of chamber	800 °C
Standard working temp	538 °C with temperature compensating technique
Temperature sensor	K-Type thermocouple
Temperature Control	7" Touch screen HMI & PLC Controller
Testing Time	30-45 minutes
Ramp & Profile Programming	In built- ramp & profile programming in LCD Touch Screen
Display	LCD Colour display
Results on	In-Built Dot-Matrix Printer
Power Supply	AC 440V ± 10%, 50 Hz
Overall Dimensions	800 X 800 X 1600 (L X W X D) mm
Accessories	Supplied complete with Sample Bucket, Lifting Handle and Asbestos gloves

Note: Specifications are subject to change.