



**TMB-1510**  
**ASPHALT CONTENT BINDER**  
**IGNITION FURNACE**

**ASPHALT**

## Asphalt Content Binder Ignition Furnace



### PRODUCT MODEL

TMB-1510 | Asphalt Content Binder Ignition Furnace - 380 V, 50 Hz, 3 ph

### STANDARDS

ASTM D6307 | EN 12697-39 | AASHTO TP53

### INFORMATION

**Manufacturer :** TESTMAK INS.LAB.MAK.SAN.VE TİC. PAZ. İTH. İHR. LTD. STİ

**Country of Origin :** TURKEY

**Product Name:** Asphalt Content Binder Ignition Furnace

**Code of Product:** TMB-1510

**HS CODE:** 90248099

## Asphalt Content Binder Ignition Furnace

### DESCRIPTION

The Asphalt Content Binder Ignition Furnace is used to determine the asphalt binder content of hot mix asphalt/bituminous mixtures by the method of loss on ignition. The Asphalt Binder Analyzer is supplied complete with double sample basket with safety cover, extraction fork and 3 meters of metal exhaust pipe.

### OVEN AND AFTERBURNER

- High efficiency heating system with afterburner for a total combustion of exhaust fumes to minimize emissions to conform CE Directives.
- Sample size up to 4000 g for more representative test results
- Temperature range is 392 to 1202°F (200 to 650°C).
- Maximum power rating is 3,5 kW
- Supplied complete with 2 sample trays, fork to catch the pan and cooling cage

### HARDWARE

- 16 bit microprocessor controller.
- CPU card controlling both test data display, temperature, database and internal functions.
- On board 40 column serial printer
- An accurate internal balance monitors weights automatically throughout ignition to within  $\pm 0.1$  g.
- PID closed loop thermoregulation for both oven and afterburner
- 240x120 pixel large graphic display
- RS 232 output for PC connection

### FIRMWARE

- Bidirectional real time communication with the weighing system
- Test setting menu for initial weight, weight loss percentage, correction factor.
- Calibration menu to check and set temperature and weight calibration, for possible manual control.
- Test performance menu of all the test data.
- Internal database for up to 100 tests.

### SAFETY FEATURES

- Door safety features, such as a software-activated door lock, an automatic interlock that cuts power when door is open, full 180 degree door opening and door hinge lock eliminate harmful solvents and make operation easy. CE-Approved.
- Automatic monitoring of closed door before test start.

### TECHNICAL SPECIFICATIONS

Dimensions	600x900x1100 mm
Weight	110 kg
Power	380 V 50 Hz 3500 W



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