

Asphalt Testing

Ignition Method



Asphalt Binder Analyser

AASHTO T 308-10, ASTM D6307-10
and BSEN 12697-39:2012



- Designed to measure asphalt binder content by loss on ignition
- Avoids health, environmental and waste management issues
- Avoids the expense associated with older solvent extraction methods
- Reduced emissions due to high temperature afterburner
- Controlled via a multi-lingual touchscreen interface
- English, Spanish, French, Chinese, Italian and Russian language display. Other languages are available to order
- Automatic calculation of final sample weight and binder % result
- Adjustable aggregate correction factor
- Average test times from 20 mins for 6 mm aggregates, to 45 mins for 40 mm aggregates
- Permanent (dot-matrix) printed reports
- USB data output compatible with most spread sheets
- Easy naming, storage and recall of recipes that can be transferred between units
- Simplified menu structure with secure 'Supervisor' and 'Operator' settings
- Metal waste gas extraction pipe
- Factory fitted thermocouple access port, if temperature calibration is to be carried out
- Precise weight measurements, displayed to 0.1 g resolution
- Capacity for large sample sizes for more accurate results (max. sample is 4.5 kg)

Specification

Max Temp (°C)	750
Dimensions: Internal (L x W x H)	350 x 450 x 220 mm
Dimensions: External (L x W x H)	775 x 600 x 980 mm
Type	Bench-top
Thermocouple type	K
Max power (W)	8000

Designed to measure the asphalt binder content of hot mix asphalt (HMA) using loss on ignition, in accordance with AASHTO T 308-10, ASTM D6307-10 and BSEN 12697-39:2012.

The integral microprocessor controlled weighing and calculation system is configurable to allow variations to the standard test method. Test result reports are available in both printed and software format. The high temperature afterburner minimises the production of noxious waste fumes. Supplied complete with 2 sets of sample baskets.

Ordering Information

46-6100/01 Asphalt Binder Analyser 220-240 V 50/60 Hz.