



## Loss on Heat/Thin-Film Oven 220-240V 50/60 Hz

Code: 46-4100/01

Product Group: [Asphalt and Bitumen Ovens](#)

The Thin-Film Oven is used for determining the loss in mass of oil and asphaltic/bituminous compounds when heated with the loss on heating test method or the effect of heat and air on semi-solid asphaltic/bituminous materials with the Thin-Film Oven (TFO) test method.

### FEATURES:

- The exterior is constructed from sheet steel finished in an easy clean powder-coated paint.
- Interior chamber is made from Stainless Steel.
- The unit is well insulated and has a double glass door for viewing the test chamber.
- The system is controlled by a microprocessor digital controller and overheat thermostat.
  - Calibrated scale and tamper-proof lock.
  - Temperature is controlled and pre-set at 163°C +/- 1°C
  - Two rotating platforms of 13.5 inches diameter are supplied to perform both the tests. Side mounted controls comprise:
    - Microprocessor digital control.
    - Independent overheat thermostat.
    - Mains switch.
    - On/off switch for the turntable motor.
    - Indicator lamps.

### Further Information

Complies to EN 12607-2, BS 2000-460-2, EN 13303, ASTM D6/D6M, ASTM D1754/D1754M, AASHTO T47, AASHTO T179

### Specification

|                              |                     |
|------------------------------|---------------------|
| Max Temp (°C)                | 163                 |
| Dimensions: Internal (HxWxD) | 380 x 520 x 460 mm  |
| Dimensions: External (HxWxD) | 570 x 870 x 630 mm  |
| Insulation                   | Double wall         |
| Internal material            | 304 stainless steel |
| Turntable speed (rpm)        | 5.5                 |

Max power (W)

1500

---

## Spares/Consumables



**Spare turntable for Loss on Heat/Thin Film Oven 220-240V  
50 Hz (Loss on Heat Test)**

Code: [46-4100/10](#)



**Spare turntable for Loss on Heat/Thin Film Oven 220-240V  
50 Hz (Thin Film Test)**

Code: [46-4100/11](#)