

Loss-On-Heat / Thin Film Oven



This dual purpose oven is designed to perform the loss on heat test and thin film test for bitumen and asphaltic materials and complies with the requirements of BS 2000 ASTMD6, D1754 & AASHTO T47, T179.

The exterior is constructed from sheet steel finished in an easy clean powder coated paint and the interior chamber is made from stainless steel.

The unit is well insulated and has a double glass door for viewing the test chamber.

The control system comprises of a microprocessor digital controller and overheat thermostat with calibrated scale and tamper proof lock.

Temperature is controlled and pre-set at 163°C +/- 1°C.

Two rotating platforms of 13.5 inches/340 mm diameter are supplied to perform both the tests.

- Dual purpose oven designed to perform the loss on heat test and thin film test for bitumen and asphaltic materials
- Internal dimensions (cms): 38 high x 52 wide x 46 deep
- External dimensions (cms): 57 high x 87 wide x 63 deep
- External dimensions including motor and door handle: 69h x 87w x 67d
- Weight 70kg
- Double wall construction with high density thermal insulation
- Non-rusting grade 304 Stainless steel interior
- Easy clean powder painted steel exterior in light grey (RAL 7035) textured finish
- Single front opening, side hinged door with positive quarter turn latching mechanism
- Double glazed window in door for viewing test chamber
- Side mounted controls comprise:
 - ✓ Microprocessor digital control
 - ✓ Independent overheat thermostat
 - ✓ Mains switch
 - ✓ On/Off switch for the turntable motor
 - ✓ Indicator lamps
- Top mounted motor drive for the turntable, operating at 5.5RPM
- Temperature is controlled and pre-set at 163°C ± 1°C
- 1000 watts
- Supplied with a thermometer holder, a single drive shaft and two off aluminium platforms to comply to both the Loss on Heat and the Thin Film tests
- Complies to the requirements of BS 2000, ASTMD6, D1754 and AASHTO T47, T179

LOH/TFO – Loss on Heat/Thin Film Oven – 220-240 volts

LOH/TFO1 – Loss on Heat/Thin Film Oven – 110-120 volts



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Use the above details to contact us if this literature doesn't answer all your questions.

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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

