

DATA SHEET

TFOT Bitumen Oven



81-B0160/C

General description

Used for determining the loss in mass (exclusive of water) of oil and bituminous and the effect of heat and air on a film of semi-solid bituminous material. Depending on the standard in use, the TFOT oven has to be completed with the accessory to perform the test as follows:

For EN 13303, ASTM D6, AASHTO T47, BS 2000, NF T66-011, CNR No. 50 select accessory 81-B0160/1

For EN 12607-2, ASTM D1754, AASHTO T179, UNE 7110 select accessory 81-B0160/2.

The **TFOT bitumen oven** can be used as part of your **Superpave performance based testing** program.

See accessories.

Standards

- EN 13303
- ASTM D6
- ASTM D1754
- AASHTO T47
- AASHTO T179
- BS 2000
- EN 12607-2

Specifications

Internal chamber made from stainless steel
Insulation with fiberglass or similar
External frame made from enameled steel
Temperature control by contact thermometer
Door with double panel window

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Power: 1300 W

Internal dimensions: 330x330x330 mm

Outside dimensions: 500x500x900 mm

Weight approx.: 35 kg



81-B0160/1 and 81-B0160/2

Products

81-B0160/C

TFOT (Thin-Film Oven Test) bitumen oven to EN 12607-2, 13303, ASTM D6, D1754, AASHTO T47, T179. 230V, 50Hz, 1ph.

81-B0160/CY

TFOT (Thin-Film Oven Test) bitumen oven to EN 12607-2, 13303, ASTM D6, D1754, AASHTO T47, T179. 220V, 60Hz, 1ph.

81-B0160/CZ

TFOT (Thin-Film Oven Test) bitumen oven to EN 12607-2, 13303, ASTM D6, D1754, AASHTO T47, T179. 110V, 60Hz, 1ph.

Accessories and consumables

81-B0160/1

Rotating shelf with 9 containers 55 x 35 mm dia for loss on heating

81-B0160/2

Rotating shelf for thin film oven test, 316 mm dia

82-PV0160/10MF

Loss on heat thermometer IP 47C ASTM 13C, range +155 to +170°C, mercury free with alternative liquid