

ASTM D 2872 - ISO EN 12607

SCOPE

Standard Test Method for Effect of Heat and Air on a Moving Film of Asphalt (Rolling Thin-Film Oven Test).

EFFECTS OF HEAT AND AIR ON A MOVING FILM OF ASPHALT
-RTFOT CLASSIC-
- REF 941877 -

MAIN CHARACTERISTICS

- ✓ Double walled convection oven with following inner dimensions: 381 mm high, 483 mm wide, 450mm deep, excluding plenum.
- ✓ The door contains a viewing window made of two sheets of resistant glass separated by an air layer.
- ✓ The oven is vented at top and bottom. Bottom vents have 15cm² open area symmetrical top vents have 9.5cm² open area.
- ✓ This oven has an air plenum as described in ASTM D2872 specification. It is also provided with squirrel type fan for better uniformity.
- ✓ The control board includes electronic temperature regulator with digital display and setting at 163°C +/- 0.5°C and a factory calibrated flowmeter for adjusting air flow at 4000 mL/min.
- ✓ The oven has built in 305mm diameter vertical circular carriage to hold 8 glass sample containers rotating at 15+/- 0.2 rpm.
- ✓ It is equipped with air jet for blowing heated air into each bottle at its lowest point of travel.
- ✓ Outlet orifice having 1mm diameter is connected to 7.6 m length copper tubing to heat up air

SCOPE OF DELIVERY

RTFOT CLASSIC delivered ready for use with :

- REF 9418762** Bulb, 230 V, 15 W
REF 23680 Standardised glass container
REF 11500 ASTM thermometer (13C)
REF 23680 8 glass containers
REF 11500 One ASTM 13C thermometer.

OPTIONAL ACCESSORY

- REF 9416401** Drying tower - Ready to use



REF. 9416401 – Drying tower

ORDERING INFORMATION

REF 941877
RTFOT CLASSIC for use on AC 230 V, 50Hz-16A

REF 941877 / 115 V
RTFOT CLASSIC for use on AC 115 V, 50Hz

(W) 750x (D) 650x (H) 820 mm (±50Kg)

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