



## Rolling Thin Film Oven Including Timer

Code: 46-4155/01

Product Group: Asphalt and Bitumen Ovens

The product accurately simulates the short term aging of asphalt binder which occurs during mixing.

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 control system comprises a microprocessor digital controller with timer and overheats thermostat with calibrated scale and tamper proof lock.

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.

Top mounted fan constructed with an air plenum as described in the ASTM D2872 specification and is fitted with a squirrel-type fan blade for better uniformity of air and temperature distribution

Equipped with air jet for blowing heating air into each bottle at its lowest point of travel, base mounted elements, vented to atmosphere, single front opening, side hinged door with positive quarter turn latching mechanism, double glazed window in door for viewing the test chamber

Top mounted controls comprise, dual display microprocessor digital control, independent overheat thermostat, flow meter to control airflow, indicator lamps

Power supply: 220-240 V 50 Hz.1500 watts

Supplied with a built-in 305mm diameter vertical circulator carriage to hold 8 glass sample containers rotating at 15 rpm  $\pm$ 0.2rpm (glass containers not supplied)

Temperature is controlled and pre-set at 163°C  $\pm$  1°C  
Dimensions: Length 0.66m Width 0.71m Height 0.8m  
Volume 0.3749 cc Weight 90 kg