



BITUMEN

RTFOT Bitumen Oven – Rotating Thin Film Oven

PRODUCT CODE

- NT-B0430A** Bitumen Oven – RTFOT Method, ASTM
NT-B0430E Bitumen Oven – RTFOT Method, EN
NT-B0432 Bitumen Oven spare glass container, heat resistant Ø64 x 140mm
NT-GH5075 Air compressor 8 bar 50 lt.

STANDARDS

AASHTO T240, ASTM D2872, EN 12607-1

SPECIFICATIONS

High-Performance Aging Tester

The RTFOT (Rolling Thin Film Oven) device tests

the aging and hardening tendencies of bituminous binders by exposing them to heat and air in thin films. This allows for the longevity and performance of asphalt pavements to be predicted.

The device is fully compliant with Superpave performance testing programs and international standards such as ASTM D2872.

The inner body is made of stainless steel, the outer surface is electrostatically powder painted, and the device has an observation glass on the lid that allows for sample monitoring throughout the test.

The 7" color touchscreen control panel allows duration adjustments of temperature, airflow, and test duration.

A digital PID control thermostat, providing a constant temperature of 163°C, is included.

Airflow rate can be adjusted from 0.1 to 10,000 ml/min.

It is equipped with comprehensive safety systems such as a double-safety thermostat, door lock system, overheating alarm, door open warning, pilot light, and magnetothermic switch.

The RTFOT device is supplied with 8 glass tubes.

The NT-GH5075 air compressor must be ordered separately.

