Product name:	Product code:
Bitumen Loss on Heating Oven with Rotating Shelf	CMI-IND-0024

Description

Thermostatic oven with a rotating shelf that heats bitumen samples at 163 deg C for five hours to measure mass loss and hardening. Used in refineries, polymer modified bitumen plants and road QC labs.

Technical specification

- Six sample dishes
- Rotating shelf
- Test thermometer

Fifty-gram bitumen samples in flat-bottom dishes are placed on a shelf that rotates at 5 to 6 rpm in a uniformly heated chamber. The mass loss and penetration drop after heating indicate volatility and ageing susceptibility of the binder. A forced ventilation arrangement keeps temperature uniform across all shelf positions.

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Features

- Shelf rotating at 5.5 rpm with geared motor
- PID controller with 5 hour timer
- Double wall stainless steel chamber
- Adjustable ventilation damper
- Holds six sample dishes

Technical Specifications

Operating temperature	Ambient to 200 deg C
Test temperature	163 deg C +/- 1 deg C
Shelf speed	5 to 6 rpm
Sample dishes	6 nos., 55 mm dia x 35 mm
Chamber size	450 x 450 x 450 mm
Standards	IS 1212, ASTM D6, ASTM D1754
Power supply	230 V AC, 50 Hz, 2 kW

Standard Accessories