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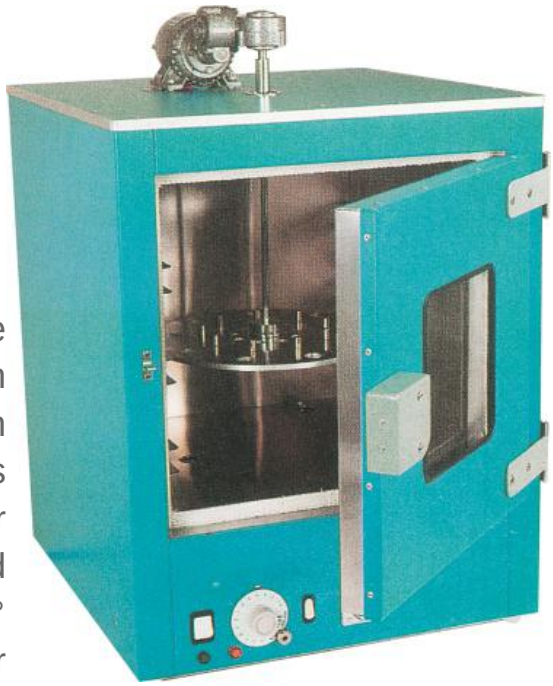
Loss On Heating / Thin Film Oven

ZI 4034



Standards:BS 2000-45 ASTM D6, D 1754
AASHTO T 47, T 179

Specification:

This dual purpose oven is designed to determine the loss in weight of bitumen and flux oils (Loss on Heating test) and the effect of heat and air on asphaltic materials (Thin Film test). The unit is heavily insulated and has a double glass door for viewing the test chamber thermometer and samples. Temperature is controlled at 163° C ± 1° C by means of a variable temperature controller and thermostat. Two rotating platforms are supplied with each oven: One accepts 9 standard penetration cups for the loss on heating test, the other accepts two 140mm diameter test pans for the thin film test. The platforms are rotated at 5 to 6 rpm by an external motor.

ZI 4034A

Chamber Dimensions: 350 x 350 x 350 mm (L x W x H) Series Loss on Heating / Thin Film Oven Operating Voltage 230 V A.C. Single Phase

ZI 4034B

Aluminium Test Pan 140 mm diameter x 9.5mm deep.