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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  $163^{\circ}\text{C} \pm 1^{\circ}\text{C}$  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.

