

BTN-20 ROLLING THIN FILM OVEN



TECHNICAL DESCRIPTION :

The Rolling Thin Film Oven Test is used to obtain homogeneously aged material by the application of heat and air in order to simulate these affects in conventional mixing. The oven is of double wall construction with side vents and of the heated convection type of air Circulation. An electronic controller maintains the temperature at $163 \pm 0.5^{\circ} \text{C}$. A vertical, carriage is supplied to support 8 glass sample containers, which are rotated at $15 \pm 0.2 \text{rpm}$. An outlet orifice 1mm in diameter is connected to a 7.6m length of copper tubing and flow meter which controls the airflow at 4000 ml/min. Air is blown into the sample containers at their lowest point of travel by an internal air jet. The oven is supplied with 8 glass sample containers and a thermometer

DIMENSIONS AND WEIGHT :

Size :0.8 m.(L)x 0.8 m(W) X 0.5m (H)

Weight :Approx. 40 Kg

SERVICE REQUIRED :

Power Supply : 230 v Ac Supply 50 Hz

Air Supply : @ 2 kg / cm²

SCOPE OF DELIVERY:

1. Experimental Setup
2. Instructional Manual

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