

Loss On Heating Thin Film Oven

Make: LabTek

Model: SUN-BT-018

Origin: India

Standards: EN 12607-2, BS 2000-460-2, EN 13303, ASTM D6/D6M,

ASTM D1754/D1754M, AASHTO T47, AASHTO T179

The Thin-Film Oven is used for determining the loss in mass of oil and asphaltic/bituminous compounds when heated with the loss on heating test method or the effect of heat and air on semi-solid asphaltic/bituminous materials with the Thin-Film Oven (TFO) test method.

Features:

- ☛ The exterior is constructed from sheet steel finished in an easy clean powder-coated paint.
- ☛ Interior chamber is made from Stainless Steel.
- ☛ The unit is well insulated and has a double glass door for viewing the test chamber.
- ☛ The system is controlled by a microprocessor digital controller and overheat thermostat.
- ☛ Calibrated scale and tamper-proof lock.
- ☛ Temperature is controlled and pre-set at 163°C +/- 1°C
- ☛ Two rotating platforms of 13.5 inches diameter are supplied to perform both the tests. Side mounted controls comprise:
- ☛ Microprocessor digital control.
- ☛ Independent overheat thermostat.



Rolling Thin Film Oven

Make: LabTek

Model: SUN-BT-019

Origin: India

Standards: EN 12607-1 | ASTM D2872 | AASHTO T240

The Rolling Thin Film Oven (RTFOT) is asphaltic semirigid material on a moving film of air and heat are used to measure the effect. External body and inner surface made of stainless steel. The middle portion is insulated with fiberglass. A wide range of devices for observation of the door is covered with glass. Oven must be connected to a suitable source of air pressure. Rolling Thin Film Oven (RTFOT) is equipped of a dual safety thermostat to prevent accidental over-heatings. 8 pieces of 64 x 140 mm diameter glass carriers will be delivered.

The RTFOT is supplied complete with;

- Digital thermostat to maintain 163°C temperature,
- Control thermometer ASTM 13C,
- Ventilation device,
- Diameter 64x140 mm 8 glass containers.



Solvent Recovery Unit

Make: LabTek

Model: SUN-BT-020

Origin: India

Standards: General

The Solvent Recovery Distiller Unit is used to recover the solvent liquid after its use for the extraction tests. This recovery unit has been designed to recover unflammable solvents. The consists of two stainless steel chambers. The first chamber is used for dirty solvent. The second chamber used for cleaned solvent.

ASolvent in the left-hand side chamber is distilled by an electrical heater and then passes through a water cooling system and drops into the second chamber ready for re-use a test. Once the process is completed, a temperature switch automatically stops the heating elements. The solvent recovery unit is supplied complete with 10 m plastic tubing, tube clamps, sieve insert 0.6 mm opening and one lid.

The Solvent Recovery Unit is supplied complete with;

- Plastic Tubing, 10 m
- Tube Clamps
- Sieve Insert, 0.6 mm
- Lid

Specifications

Max. Temperature: 150°C

Dimensions: 420x350x680 mm

Weight (approx): 20 kg

Power: 1200 W

