

Reflux Extractor 4000 Gms

Make: LabTek

Model: SUN-BT-021

Origin: India

Standards: ASTM D 2172- AASHTO T 164

Specification: The simple apparatus working on the same operation principle of consisting of cylindrical glass jar supporting two metal cones of stainless steel cloth and a metal condenser on top of the jar. Supplied complete with 100 filter papers & wire gauge, Hot Plate.

Note: Spare Cylindrical glass jar can be supplied at an extra cost.



Asphalt Mixer Theoretical Density Meter

Make: LabTek

Model: SUN-BT-022

Origin: India

Standards: ASTM D 2041-03

Specification: Asphalt Mixer theoretical density meter as per ASTM D 2041-03. This equipment is used for determination of theoretical density of asphalt mixer by vacuum method for application such as asphalt mixer design, road condition investigation, calculation of porosity and compactness in road construction quality management. This equipment has a main body fitted with a vacuum gauge of Wika make Germany, 2 vacuum containers made of acrylic pipe & a vibratory table under with complete control panel. The Vibratory table operates on manual and automatic mode to release the entrapped air from the asphalt sample kept inside the vessels. It is suitable to work on 230 V AC single phase 50 Hz. Vacuum range 0-100 KPA (0-750 mm Hg) vibration loading is 10 kg. no of samples tested is 2.



Stripping Value Apparatus

Make: LabTek

Model: SUN-BT-023

Origin: India

Standards: General, IS

Specification: Film stripping device is used to measure the resistance of bituminous mixtures to stripping of asphalt from aggregate particles. It is generally used to evaluate mineral aggregates & to judge the adhesion of the bituminous materials. The device consists of a disk on which 4 bottles are mounted. The disc rotates at a speed of approx. 100 rpm. The sample, usually the aggregate fraction which passes a 9.525 mm sieve but is retained on a No. 8 sieve, is placed in the bottles & agitated for 15 minutes. The percentage of aggregate stripped can be visually estimated. The device is provided with a pre set counter.



Asphalt Content Tester

Make: LabTek

Model: SUN-BT-023

Origin: India

Standards: ASTM D6307 & EN 12697 39, AASHTO TP53

Specification: Asphalt Content Tester is used to determine the asphalt content of hot mix asphalt (HMA) and pavement samples by removing the asphalt in an ignition furnace by means of sample heating not by means of solvent. Standard followed is ASTM D6307 & EN 12697 39. Suitable for operation on 415 V 50 Hz 20 ampere three phase ac power supply. Maximum weight specimen is 4000 gms, suggested weight of specimen is 1000 gms to 1500 gms. Balance provided is 10 Kg x 0.1 gms, working temperature of furnace is 800° C, standard working temperature is 538° C. Testing time is 20-30 minutes. Size of the furnace: 350 mm length x 430 mm width x 300 mm height.

- High efficiency heating system with afterburner for a total combustion of exhaust fumes to minimize emissions to conform CE Directives.
- Sample size up to 4000 g for more representative test results
- Temperature range is 392 to 1202°F (200 to 650°C).
- Maximum power rating is 3,5 kW
- Supplied complete with 2 sample trays, fork to catch the pan and cooling cage

