

## Centrifuge Extractor – Motorised

Make: LabTek

Model: SUN-BT-011

Origin: India

Standards: ASTM D2172 AASHTO T-58, T-164

Specification: Centrifuge Extractor, Electrical Operation, Capacity 1500g, with a Dimmer stat for speed control from 2,400 to 3,600 rpm. Suitable for operation on 230 V, 50 Hz, Single Phase, A.C. supply.

Optional Extra: Filter Paper Discs, Set of 25



## Centrifuge Extractor Hand Operated

Make: LabTek

Model: SUN-BT-012

Origin: India

Standards: ASTM D2172, AASHTO T-58, T-164

Specification: The Instrument is used for determination and checking of Bitumen percentage in Bituminous mix, the mix is added with a solvent and dissolved bitumen is removed by centrifugal action. Consists of a removable Aluminum rotor bowl, Capacity 1500 gms. With a cap and tightening nut. The bowl assembly is mounted on a vertical shaft, which protrudes from a cast housing. This shaft and thus the bowl is rotated fast manually by enclosed gears in the cast body and handle. Solvent is introduced during the test through the holes in the cap of the housing. A drain is provided to collect dissolved Bitumen coming out of the rotating bowl and getting collected in the housing.



## Centrifuge Extractor Digital

Make: LabTek

Model: SUN-BT-013

Origin: India

Standards: ASTM D2172, AASHTO T-58, T-164

Specification: Used for the determination of bitumen percentage in bituminous mixtures. It consists of a removable, precision machined aluminium rotor bowl, placed into a cylindrical aluminium box. The separate control panel incorporates an electronic card fitted with AC drive which automatically drives the bowl speed rotation ramp from 0 to 3600 rpm as requested by Standards, with fast stop bowl rotation at the end of the test.

Supplied complete with speed regulator and digital display monitoring the frequency.

The centrifuge is supplied without aluminium bowl+cover and without filter discs to be ordered separately (see accessories).

The unit cannot be sold in CE markets

Power supply: 230V 1ph 50-60Hz 600W

Dimensions: 480x330x530 mm

Weight: 50 kg approx.



## Automatic Compactor For Bituminous Mixes

Make: LabTek

Model: SUN-BT-014

Origin: India

Standards: BS 598-107

Specification:

Rugged construction to withstand hard work

Fully automatic and easy to operate

Uniform compaction

Automatic Preset Blow Counter

The Automatic Compactor eliminates the laborious process of manual compaction and an even degree of compaction is achieved. The driven mechanism lifts the weight of 4.5kg and drops it through a correct height of 457 mm. The rammer foot is removable, which facilitates preheating. A compaction pedestal with specimen holder is fixed to the base. An Automatic Blow counter enables the number of blows to be present before each test and automatically stops the machine on completion. Suitable for operation on 230 V, 50 Hz, Single Phase, A.C. supply.

Note: Also available for modified compaction test (10.2 Kg.)

