

### Automatic Soil Compactor

Make: LabTek

Model: SUN-SL-009

Origin: India

Standards: ASTM D558, D559, D560, D698, D1557, D1883 | EN 13286 2, 13286-47 | BS 1377:4 AASHTO T99, T134, T135, T136, T180, T193; NLT 107/98, 108/91, 111/87

The Automatic Soil Compactor is designed to perform fast and accurate compaction of soil samples automatically to by international standards. The machine is designed to allow the hammer to drop the required height into the soil in the mould which rotates circularly to distribute the blows uniformly over the surface of the specimen in the mould. The drop height is adjustable to for EN Standard 300 mm and 450 mm, for ASTM Standard 305 mm and 457 mm. The compaction rammer is circular faced and interchangeable to for EN Standard 50 mm or for ASTM Standard 50.8 mm diameter. Compaction rammer weight is adjustable to 2.5 kg or 4.5 kg according to reference standard. The number of blows per layer can be set at the beginning of the compaction process by the digital counter according to the standard by user.

SUN-SL-009 Automatic Soil Compactor, 220-240V 50/60 Hz

SUN-SL-009/110 Automatic Soil Compactor, 110 V 60 Hz

SUN-SL-009/01 ASTM Compaction Rammer, Face Ø 50.8 mm

SUN-SL-009/02 EN/BS Compaction Rammer, Face Ø 50 mm

Specifications

Dimensions: 430x250x1500 mm

Weight (approx):140 kg

Power: 370 W



### Field CBR test set

Make: LabTek

Model: SUN-SL-010

Origin: India

Standards: ASTM D883 | D3668 | BS 1377:4, 1924 | AASHTO T193 |

CNR UNI 10009 | NF P94-078

In-situ CBR Test Apparatus is used to determine quickly and efficiently the bearing capacity of soils on road constructions, foundations, road subgrades. Load is applied through a mechanical jack and handwheel. Upper beam can be adjusted in height.

Conversion Frame is used to convert the IN-situ CBR test to a mechanical laboratory CBR test machine. Conversion Frame is should be ordered separately.

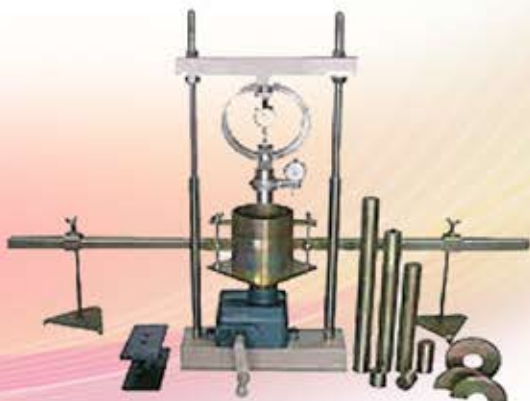
SUN-SL-010 In-situ CBR Test Apparatus consists of the following equipment;

- 50 kN capacity mechanical jack with ball seating (SUN-SL-010/01)
- 50 kN capacity load ring(SUN-SL-010/L50)
- Analog penetration dial gauge (30 mm travel x 0.01 mm) with Adjustable dial gauge holder (SUN-SL-010/03)
- CBR Penetration piston(SUN-SL-0100/02)
- Set of extension rods (2 pcs. 102 mm, 1 pcs. 305 mm and 1 pcs. 610 mm length) (SUN-SL-010/03)
- Datum bar assembly with two stands (SUN-SL-010/04)
- 2.5 kg annular surcharge weight (SUN-SL-010/05)
- 4.54 Kg slotted surcharge weight (SUN-SL-010/06)
- 9.08 kg slotted surcharge weight (SUN-SL-010/07)
- Vehicle Bracket (SUN-SL-010/05)
- Wooden carrying case(SUN-SL-010/06)

Specifications

Dimensions: 250x1650x250 mm (case)

Weight (approx): 55 kg



Sampling Tools



Universal Extruder