

Soil prospecting kit

Make: LabTek

Model: SUN-SL-027

Origin: India

Standards: ASTM D420 ASTM D1452 AASHTO T86

Used to take undisturbed soil sample in soft and fine soils. The apparatus comprises TY-handle, Extension rod, Jarring link, Stainless steel sample tube 38x230 mm length. The sample is obtained by percussion, lifting all the upper assembly which slides inside the jarring link and forces the sample tube into the soil.

Weight approx.: 7 kg



Soil Color Chart

Make: LabTek

Model: SUN-SL-028

Origin: India

Soil Color Charts are an affordable way to evaluate the type of soil that is present within a given area. The book is set up to make soil color evaluations in the field quickly and easily. The soil classification system that has been developed around Munsell Color System is an established and accepted process to assign a soil type. This classification system has been used in the United States for more than 55 years to aid in the management and stewardship of natural resources. Through the use of the Munsell Soil Charts, practitioners from a wide range of professions can share reliable and consistent information about the color of soils at a particular site with colleagues anywhere around the world.

Dimensions: 200x120x60mm

Weight approx: 500g



Surface soil sampler

Make: LabTek

Model: SUN-SL-029

Origin: India

Standards: ASTM D2937 CNR N. 22 BS 1377:9

Surface soil sampler with sampling tube 73 mm inside diameter x 66 mm long and 5 kg drop hammer.

Used to take field samples of compacted fill or undisturbed soils and to evaluate density of compaction samples as the ground surface.

The set consists of a drop hammer sliding on the drive rod and falling on the drive head where the sampling tube is hold.

Steel made, galvanized against corrosion.



Load ring penetrometer

Make: LabTek

Model: SUN-SL-029

Origin: India

Used for measuring the bearing strength and compaction degree of soils.

The apparatus consists of a "T" shaped handle connected to a load ring 1 kN (100 kgf) cap., with max load pointer, and of an extension rod with five 100 mm graduations. The 30° end cone has an area of 645 mm² (1 sq. in). Supplied complete with calibration chart.

Weight approx.: 4 kg

