

DENSITY AND EVALUATION

Surface soil samplers

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.

MODELS:

S084 KIT

Surface soil sampler 73 mm ID

STANDARDS: ASTM D2937 / CNR no. 22

Sampling tube is 73 mm inside diameter by 66 mm high.

Drop hammer is 5 kg

Total weight: 10 kg

SPARE PART:

S084-01 Sampling tube 73 mm diameter by 66 mm high.

S083 KIT

Surface soil sampler 100 mm ID

STANDARD: BS 1377:9

The sampling tube (core cutter) is driven into the soil by using the rammer dropping on the driving dolly.

The sampled specimen is trimmed weighed and dried; the density and the moisture content % is calculated.

Manufactured of plated steel.

The set S083KIT includes:

S083-01 Driving rammer for 100mm dia. core cutter.
Weight 13.5 kg

S083-02 Driving dolly for 100mm dia. core cutter.
Weight 1 kg

S083-03 Core cutter (sampling tube) 100mm dia.
by 130mm length. Weight: 1 kg

Total weight: 15.5 kg

Water level indicator

Utilized to measure the water level in boreholes, wells and any open underground structures. A light and audible signal are activated when the probe touches water.

Battery operated, the cable is marked at cm. intervals, drum mounted and the stainless steel tip has diameter of 10 mm



MODELS:

S061 Water level indicator; 50 m cable length

S061-01 Water level indicator; 100 m cable length

S061-02 Water level indicator; 200 m cable length



S053

Soil sampler 38 mm dia

Used to obtain indisturbed soil samples of dia. 1 1/2" (38 mm)

The sampler is formed by:

T handle with extension rod, 900 mm long

Jarring link 3/4"

Stainless sample tube dia. 1 1/2" x 9" (38x230 mm). Weight: 7 kg

ACCESSORY AND SPARE-PART:

S054 Hand extruder used to extrude the soil specimens dia. 1 1/2" from the sample tube.

S053-04 Spare stainless sample tube dia. 1 1/2 x 9"

Laboratory sample mixers

Suitable to mix granular materials like soils and bituminous mixtures, by using a whisk beater, as prescribed by EN, BS Spec.

MODELS:

E095 + B028-03

MIXER, 5 LITRE CAPACITY, complete with whisk beater

B027 + B027-03

MIXER, 20 LITRE CAPACITY, complete with whisk beater

Technical details:
see pag. 81, 82



E095 + B028-03

