

COMPACTION AND MOISTURE

S086

Proving ring penetrometer

Used to determine the bearing strength, compaction degree of subgrades, and also for determining the static penetration resistance of soil.

Supplied complete with "T" handle, proving ring 100 kgf (1 kN) with maximum load pointer and calibration chart, extension rod 500 mm. long graduated every 100 mm., removable cone point 30° with 1 sq. in. top area.

Cadmium plated against corrosion.

Weight: 5 kg



S088

Proctor penetrometer

STANDARD: ASTM D 1558

Used to determine in field the moisture-penetration resistance relationship of fine grained soils.

Spring load scale 0-40 kg, subdiv. 1 kg, with direct max. value reading in kg. on the sliding rod.

Complete with 9 interchangeable stainless steel needles dia. 4,52 - 5,23 - 6,40 - 9,07 - 12,83 - 16,54 - 20,22 - 24,79 - 28,55 mm., accessories, carrying case.

Chromed finishing.

Weight: 8 kg



S088

S088-10

Moisture condition value (MCV) and chalk crushing value (CCV)

STANDARDS: EN 13286-46 / BS 1377:4 (TRL approved)

This apparatus is used to measure the minimum comparative effort required to produce near full compaction of a soil, and the rate at which a sample of chalk lumps are crushed.

The unit can be used to classify chalk as a fill material with saturated moisture content.

The apparatus comprises a robust frame where a rammer falls, mould, scale, counter, accessories.

Weight: 60 kg approx.



S088-10

