

Product Name :
Consolidation Apparatus

Product Code :
Soilmechanics0010



Description :

Consolidation Apparatus

Technical Specification :

The standard outfit comprises of the following items.

Loading unit, maximum capacity 20 kg/cm sq. having a loading yoke connected to a lever arm with a counter balancing adjustment and having a lever ratio of 1:1, the whole assembly being mounted on a sturdy steel frame stand.

The loading unit is so designed that it can be used for consolidation cells of different diameters as well as different dia floating ring type consolidation cells.

Fixed ring type consolidometer (Odeometer) cell assembly for testing 60 mm Dia x 20 mm thick specimen comprising.

Fixed ring for specimens 60 mm Dia x 20 mm thick with guide ring.

Top and Bottom Porous stones for 60 mm dia specimen.

Perforated Pressure pad, Channelled base with water inlet and Gasket.

Flanged Water Jacket, water reservoir with a plastic tube and pinch cock.

Set of weights to give a pressure of 10 kg/cm.sq. on 60 mm dia specimen, comprising:-

7 Nos. 0.05 kg/sq.cm, 5 Nos. 0.1 kg/sq.cm., 6 Nos. 0.2 kg/sq.cm., 6 Nos. 0.5 kg/sq.cm., and 5 Nos. 1.0 kg/sq.cm.

Supplied complete as above but without dial gauge.

Accessories:-

Dial Gauge 0.002 mm x 10 mm.

Extension piece, 40 mm long.

Test forms pad of 50 for Consolidation Test Plot Test forms the pad of 50 for one Dimensional Consolidation.

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