

Consolidation

CONSOLIDATION APPARATUS - THREE GAND - WITH DIAL GAUGE, Model UMI-111A

RELEVANT STANDARD: IS :2720(PART-XV)1986, IS 12287 - 1988

Consists of : Loading Unit, maximum capacity 20 kg/cm² consisting of a loading yoke connected to a lever arm with a counter balancing adjustment and having a lever ratio of 1:10, the whole assembly being mounted on a steel frame stand.

Consolidation cell assembly, fixed ring type for testing 60 mm dia x 20 mm thick specimens comprising:

- Fixed ring for specimens 60 mm dia x 20 mm thick with a guide ring.
- Top porous stone for 60 mm dia specimen.
- Bottom porous stone for 60 mm dia specimen.
- Pressure pad, perforated
- Channeled base with water inlet.
- Gasket.
- Flanged water jacket,
- Set of weights to give a pressure of 10 kg/cm² on 60 mm specimen.

Comprising:

1. 7 off 0.05 kg/cm²,
2. 5 off 0.1 kg/cm²,
3. 6 off 0.2 kg/cm²,
4. 6 off 0.5 kg/cm²,
5. 5 off 1.0 kg/cm².

- Water reservoir with plastic tube, T-connection and pinch cock
- Dial gauge, 0.002 mm sensitivity (3 Nos.)



UMI-111A



Soil

Consolidation Apparatus