



THE LAB EQUIPMENT

Email : [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

Phone: +91-8759245890

**Product Name :**

Consolidation Test Apparatus

**Product Code :**

SLE/CE/57



**Website:** <https://thelabequipment.com>, **Email:** [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

plot. no.296. Sector 5. Vaishali. Ghaziabad. Uttar Pradesh 201010



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## Description :

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- The apparatus has been designed to reduce the testing time for triaxial tests, where only one compression machine is available.
- With this equipment it is possible to perform the consolidation stage of three triaxial specimens at the same time for CU and CD tests in anisotropic conditions.
- The apparatus consists of a steel bench complete with three load frames and centering platens, for all our triaxial cells for specimens 35 to 100 mm dia.
- It can also be used for other make of triaxial cells, provided that they are equipped with a centering hole 13 mm dia. x 3 mm deep.
- Weights can be placed on both the centre hanger and on the lever hanger.
- The weights of the loading frames have been reduced to minimum so that a counterbalance of the frame is not required.
- The apparatus has to be completed with the axial displacement gauges or transducers, Beam loading device(s) and Slotted weights.
- **Overall dimensions (lxdxh):** 1300x800x970 mm
- **Weight approx.:** 145 kg
- **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 pad of 50 for oneDimensional Consolidation.

### 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
- 5 Nos. 1.0 kg/sq.cm
- Supplied complete as above but with dial gauge.