



THE LAB EQUIPMENT

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Product Name :

Direct Shear test Apparatus

Product Code :

SLE/CE/58



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Description :

Technical Specification:-

- Comprising Direct Shear box in two halves for a square specimen size 60 x 60 x 25 mm one pair of plain gripper plates.
- One pair of perforated gripper plates, one pair of porous stones, one top loading pad.
- Shear box housing Accommodates the Direct Shear Box assembly.
- Complete with two ball roller strips.
- Specimen Cutter for cutting 60 x 60 x 25 mm specimen from larger samples.
- Set of weights to give a normal stress of 3 kg/sq.cm.

Loading Unit:

- Supplied with load yoke with direct and lever system for applying load.
- Normal stress capacity 8 kg/sq. cm. Load is applied either directly or through a counter balanced detachable lever.
- Provision is made for the load to be applied either through a steel ball recessed in the loading pad or direct through a boss on the pre calibrated loading yoke.
- The loading unit is provided with V strips and roller strips for frictionless movement of shear box housing.

Accessories:-

- High sensitivity compression proving ring cap 200 kg One Consolidation dia gauge 0.01 mm x 25 mm and one strain dial gauge 0.01 mm x 25 mm and one strain dial gain 0.01mm x 25 mm.

Optional Accessories:-

- Additional set of weights to give a normal stress of 5 kg/cm².
- Soil Sampler for 60 mm x 60 mm specimen and test form pad of 50.
- Spares Porous stone for 60 mm x 60 mm size sample available in pairs.