

**Product Name :**  
Strain Controlled Direct Shear Apparatus Three Speed

**Product Code :**  
TEST5014RFQLAB-0009



**Description :**

Strain Controlled Direct Shear Apparatus Three Speed

**Technical Specification :**

Strain controlled direct shear apparatus is used to determine the shear strength.

Shear strength is applied at different vertical pressures and thus shear is performed to obtain shear strength values.

The strength parameters are determined according to the Coulomb force principle and the cohesion from inside friction angle.

Main vertical load: 400kPa

Pressure grade: 50kPa, 100 kPa, 200 kPa, 300 kPa, 400 kPa;

Respective counterweight weight: 1.275 kPa, 2.55 kPa, 5.1 kPa, 7.65 kPa, 10.2 kPa

Lever ratio: 1:12

Specimen area: 30cm<sup>2</sup>, height is 2 cm

Max. horizontal shear force: 1.2KN

Power type: Electric Power

Respective shear speed: 0.02mm/min, 0.8 mm/min, 2.4 mm/min

Power supply: 220V 50/60HZ

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## Testing lab instruments India

