

**Product Name :**  
Light-Duty Strain Controlled Direct Shear Apparatus

**Product Code :**  
CHINAELABC5290004



**Description :**

Light-Duty Strain Controlled Direct Shear Apparatus

**Technical Specification :**

Light-duty Strain Controlled Direct Shear Apparatus is a kind of strain controlled direct shear apparatus used to test resisting shear strength of the soil specimen. It usually adopts four specimens under the different vertical shearing while the specimen is destroyed.

According to Coulomb's law to compress (400Kpa, 300Kpa, 200Kp, 100Kpa and 50Kpa can be selected), to exert horizontal force  $t$  o the specimens so as to obtain firm the resisting shear strength coefficient , angle of internal friction and coagulable force of the soil.

Specimen size: 30cm<sup>2</sup> x 2cm (H)

Lever ration: 1 : 20

Vertical load to be added: 50kPa, 100kPa, 200kPa, 300kPa, 400kPa

Horizontal load capacity: 1.2kN max.