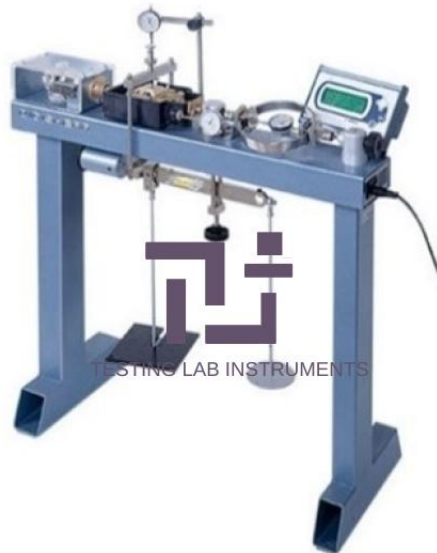


Product Name :
Direct and Residual Shear Testing Machine

Product Code :
TEST5194RFQLAB-0020



Description :

Direct and Residual Shear Testing Machine

Technical Specification :

Direct/residual Shear Machine

Main Features:

Reversible stepping motor for residual strength testing

Compact ergonomic design

Safety device to prevent overload and overtravel

Can be fitted with mechanical(analogue) measuring equipment,or electronic with data acquisition and processing

Technical Specifications:

Speed range: 0.00001-11.00000 mm (preset via firmware)

Max. shear force: 5000 N

Max. Vertical load: 500 N 5000 N using 10:1 lever-arm device

Speed drive ratio: stepper motor 1/10000 resolution

Horizontal travel: preset via firmware up to 20 mm

Displacement limits: controlled by optical safety switch

Max. shear cycles: up to 10 (forward and reverse)

Digital: large 240*128 pixel display

Specimen sizes: 60 and 100 mm square; 50, 60, 63.5 and 100 mm diameter

Overall dimensions: 953*387*1180 mm (w*d*h)

Weight: 120 kg

Accessories of Electronic

Load cell, 5 kN capacity, complete with adapters measuring devices

Linear potentiometric transducer, 10 mm travel, for

Vertical deformation, complete with mounting block

Linear potentiometric, 25 mm travel for horizontal

Displacement, complete with mounting block.

Data processing software

Direct and residual shear geo-analysis templates



Testing lab instruments India