

Product Name :
Computer Controlled Direct Shear Apparatus

Product Code :
TEST5014RFQLAB-0005



Description :

Computer Controlled Direct Shear Apparatus

Technical Specification :

Conforming & BS 1377 The direct shear testing equipment is totally computer controlled, it has 2 servo motors, one for shear load and the second for maintaining normal load. Circuit for normal load is based on closed loop principal.

Salient Features

Enables Direct shear tests through a total computer controlled operation

Conforms the test requirement of BS 1377

Programmable Normal stress from 0.01N/mm² to 0.5N/ mm² and maintain Stress level with in the limit of $\pm 0.5\%$

Strain rate programmable form 0.00001 mm/min– 9.9999 mm/min.

Shear box suitable for 60x60 mm sample (Optional 100x100mm sample)

Online plotting of Load vs Displacement, Load vs Time and Displacement vs Time curves and display of data for all the channels

Advanced Analysis Software

