

Product Name :
Digital Direct Shear Test Apparatus

Product Code :
NLAB-TESTINGLABM109046



Description :

Digital Direct Shear Test Apparatus

Technical Specification :

An automatic system enables performing of Direct Shear and Residual Shear tests through a total computer control. It is a tablemounted model and has stepper motors controlling shearing load. Stress levels can be maintained within the limits of $\pm 0.5\%$ through set of weights. Vertical and horizontal displacements and shearing load are all displayed in their respective engineering units on LCD display. Board specification of the unit are:- RS 232 output for connection to PC, Display of both speed and displacement with 0.0000 mm resolution, Shear speed between 0.00001 to 9.99999 mm/minute

Max shear effort:

5000 N possible on the whole speed range
Possibility of direct vertical load, or with a lever arm ratio 10:1

Max vertical direct load:

500N; with lever arm: 5500N

Display and pilot lamps to signal any bad functioning and alarms

Box group mounted on ball track with high quality antifriction system

Read value results are immediate and of extreme accuracy

Extremely easy and practical use, not requiring qualified staff.

Shear box, hollow punch and tamper are not included in the standard supply and have to be ordered separately Power supply: 230 V A.C. Single Phase 50Hz

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