

Product Name :

Plate Bearing Test For Testing Lab for Soil Testing Lab

Product Code :

P108

Description :

for Soil Testing - This is for estimating the bearing capacity of shallow foundations in situ and for the design of flexible pavement. In the test procedure a steel plate is subjected to gradually increasing load and settlements of the plates recorded.

SPECIFICATION :

The out fit consists of

50 tonne hydraulic jack with separate pumping unit fixed to it a 0 - 500KN x 0.5KN. 1No.

Pressure gauge and flexible metal pipe 5 mtr. long 1No.

Special ball and socket arrangement between the jack and the bearing plate 1 No.

Extension rod 12mm dia x 25 cm long for taking dial gauge readings 16 Nos.

Magnetic base with female thread on top for holding extension rod 4 Nos.

Top end plate, 50mm, dia with male thread for fitting onto the extension rods and positioning the dial gauge plunger 4 Nos.

Column 15cm dia x 25cm long with flanges complete with four bolts and nuts 2 Nos.

Column 15cm dia x 50cm long with flanges complete with four bolts and nuts 1 No.

Bridge support of welded steel angle construction , 5 mtr. Span and stands approximately 30 cm. High. Fitted with two quick release clamps a for positioning and holding the dial bracket 2 Nos.

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