

SOIL CLASSIFICATION

One-Dimensional Consolidation

These consolidation test are give useful information regarding the characteristics of soil from undisturbed sample. Test data and the knowledge of soil loading history can be obtained, in order to estimates the behavior of foundation under load.

S 51

Consolidation Apparatus (Oedometer)

With level arm triple beam ratio, 9:1, 10:1, 11:1 and 50mm consolidation cell with cutting ring, porous stone, dial gauge 12.5mm x 0.002mm per division. Supplied without set of weight.

Accessories and Part

S 51/A Set of weight, 100kg consists of, 9 x 10kg, 1 x 5kg, 2 x 2kg, 1 x 1kg.

S 51/B 50mm consolidation cell with cutting ring and 2 no Porous Stone.

S 51/C 2.5 inch consolidation cell with cutting ring

S 51/D 71.4mm consolidation cell with cutting ring and 2 no porous stone.

S 51/E 75mm consolidation cell with cutting ring and 2 no porous stone.

S 51/F 10mm displacement transducer for computer controller recording and analysis.

S 51/G Data Logger - 8 channel with software and RS 232 serial port interface to PC or printer for automatic data collection.

