

Consolidation Apparatus

BS 1377-5, EN DD ENV1997-2, ASTM D2435,
AASHTO T21

- **High capacity – 8800 kPa on 50 mm diameter specimens using 11:1 beam ratio**
- **Triple beam ratio, 9:1, 10:1, 11:1**
- **Compact unit ensures maximum space saving**

The ELE Oedometer is rigidly constructed to ensure minimum frame distortion. The frame is designed to load the specimen through a yoke assembly and one of three alternative beam ratios. The beam is fitted with a counterbalance weight and beam support jack.

The cell platform will accept the complete range of ELE consolidation cells and is fitted with a central spigot to ensure accurate centring of the cell under the loading yoke. Dimensions without hanger 711 x 203 x 508 mm (l x w x h). Weight 22kg.

Ordering Information

25-0402 Consolidation Frame, supplied without dial gauge and weights

Accessories

25-0408 Set of Weights, 100 kg

Comprising 9 x 10 kg, 1 x 5 kg, 2 x 2 kg, 1 x 1 kg

25-0409 Floor-mounting Stand

A versatile modular steel stand. Holes in the shelf are provided for securing up to three 25-0402 Consolidation Frames. Dimensions 610 x 915 x 865 mm (l x w x h). Weight 50 kg.

25-0440 Dial Gauge, BS. 10 mm travel x 0.002 mm div

25-0445 Dial Gauge, ASTM. 0.5 inches travel x 0.0001 inch div

25-0455 Fixed Ring Consolidation Cell, 50 mm. 50 mm nominal sample diameter.

25-0479 Fixed Ring Consolidation Cell, 2.5 inch. 2.5 inch nominal sample diameter.

25-0503 Fixed Ring Consolidation Cell, 75 mm. 75 mm nominal sample diameter.

25-0530 Floating Ring Consolidation Cell, 63.5 mm. 63.5 mm (2.5 inch) sample diameter.



Computer Controlled Recording and Analysis

ELE offer hardware and software packages designed to record and analyse test results. Presentation of results is in test report format. The geotechnical engineer has total control over all areas of analysis where engineering judgement is required.

Hardware and software are described in the "27" section of the 10th edition catalogue.

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