



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

Contents

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This wishlist was generated on 04/07/2016, and contains the following Products:

24-0453

ASTM Metal Grooving Tool.

24-0434

**Liquid Limit Device ASTM/ Aashto Hand-Operated W/ Revolution Counter.
Supplied Less Grooving Tool.**

25-0408

Set of Weights 100Kg Total Weight.

25-0479

**Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and
Cutting Ring.**

25-0402

**Consolidation Frame One Dimensional Consolidation Incremental Loading
Device.**

25-3604

Unconfined Compression Tester, Hand-Operated



ASTM Metal Grooving Tool.

Code: [24-0453](#)

Product Group: [Casagrande Method](#)

Standards

ASTM D4318



Liquid Limit Device ASTM/ Aashto Hand-Operated W/ Revolution Counter. Supplied Less Grooving Tool.

Code: [24-0434](#)

Product Group: [Casagrande Method](#)

Complete with revolution counter. Supplied less grooving tool.

Standards

ASTM D4318, AASHTO T89



Set of Weights 100Kg Total Weight.

Code: [25-0408](#)

Product Group: [Consolidation Apparatus](#)

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

Standards

ASTM D2435, ASTM D4546, AASHTO T216, BS 1377, EN 1997-2



Consolidation Cell Complete 2.5 Inch Diameter Sample. Inc. Porous Discs and Cutting Ring.

Code: [25-0479](#)

Product Group: [Table Top Consolidation Apparatus](#), [ASTM/AASHTO consolidation cells and accessories](#), [Pneumatic Consolidation Apparatus](#), [Fixed Ring Consolidation](#)

Standards

ASTM D2435, ASTM D4546, AASHTO T216

Specification

| | |
|--------------------------------|-----------------------------|
| Application | ASTM |
| Specimen Dia | 2.5 inch |
| Specimen area | 4.909 inch ² |
| Beam ratio | 10:1 |
| Load kg | 1.55 |
| Stress | 1000 lbf/ft ² |
| Typical max stress | 103 200 lbf/ft ² |
| Stress for 1 kg m ² | 645 lbf/ft ² |

Spares/Consumables



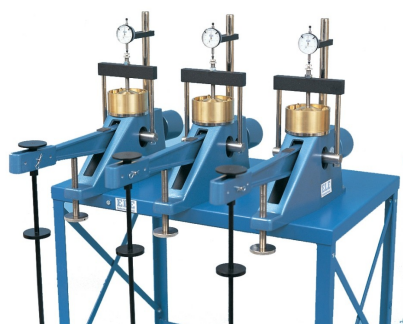
2.5 Inch Dia Upper and Lower Porous Stones for Use on EL25-0479 Series Cell.

Code: [25-0479/13](#)



Cutting Ring for 25-0479

Code: [25-0482](#)



Consolidation Frame One Dimensional Consolidation Incremental Loading Device.

Code: 25-0402

Product Group: Consolidation Apparatus, Table Top Consolidation Apparatus

- 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 22 kg.

Standards

BS 1377, EN 1997-2, ASTM D2435, ASTM D4546, AASHTO T216

Further Information

Supplied without dial gauge and weights.

Specification

| | |
|---------------|---|
| Load Capacity | 48 tons/sq. ft. (5,148 kPa) on 2.5" (63 mm) diam. samples. |
| Loading Beam | Cast aluminum; counterbalanced; 9:1, 10:1 and 11:1 ratios. |
| Frame | Cast aluminum; integral beam support jack; plated steel and platform. |
| Dimensions | 203 x 711 x 508 mm, (8" w. x 28" d. x 20" h) . excluding weight hanger. |
| Weight | (Net 30 lbs). 13.6 kg; Shpg. 40 lbs. (18.1 kg). |

Spares/Consumables



Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)



Unconfined Compression Tester, Hand-Operated

Code: 25-3604

Product Group: Unconfined Compression Tester,
Hand-Operated

1,500 lb. load capacity.

Standards

ASTM D2166, AASHTO T208

Specification

| | |
|------------------|--|
| Specimen Height | Up to 8" (203 mm). |
| Platens | 3" (76 mm) diam.; with concentric grooves for centering specimen. |
| Proving Ring | Plated steel; complete with dial indicator and calibration charts in English and Metric units. |
| Strain Indicator | English: 1.0" range x 0.001" graduations. Metric: 25 mm range x 0.01 mm graduations. |
| Hand Crank | Two-piece; aluminum. |
| Base | One-piece; cast aluminum. |
| Crosshead | High-strength aluminum. |
| Dimensions | 10-5/8" w. x 6-3/8" d. x 26-1/4" h. (270 x 162 x 667 mm). |
| Weight | Net 43 lbs. (19.5 kg); Shpg. 58 lbs. (26.3 kg). |