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 24 kg.

PLEASE NOTE: 25-0402 does not come with a
mounting stand, cell or a transducer

Standards
ASTM D2435, ASTM D4546, AASHTO T216, ASTM D3877, BS 1377-5

Further Information
Supplied without dial gauge and weights.

Specification

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Load Capacity</td>
<td>48 tons/sq. ft. (5,148 kPa) on 2.5” (63 mm) diam. samples.</td>
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<tr>
<td>Loading Beam</td>
<td>Cast aluminum; counterbalanced; 9:1, 10:1 and 11:1 ratios.</td>
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<tr>
<td>Frame</td>
<td>Cast aluminum; integral beam support jack; plated steel and platform.</td>
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<tr>
<td>Dimensions</td>
<td>203 x 711 x 508 mm, (8” w. x 28” d. x 20” h) . excluding weight hanger.</td>
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<tr>
<td>Weight</td>
<td>24 KG</td>
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</tbody>
</table>

Accessories
16 Ton Weight Set
Code: 25-0544

2.416" Stainless Steel Consolidation Cell
Code: 25-0489

2.5" Stainless Steel Consolidation Cell
Code: 25-0490

50mm Stainless Steel Consolidation Cell
Code: 25-0446
75mm Stainless Steel Consolidation Cell
Code: 25-0467

Electronic Digital Indicator, 0.600"/15 mm range
Code: 88-4210

Floor Mounting Stand.
Code: 25-0429

Mechanical Dial Indicator - 0.4" Range
Code: 88-4070

Mechanical Dial Indicator - 1.0" Range Counter Clockwise Movement
Code: 88-4120
Mechanical Dial Indicator - 10 mm Range
Code: 88-4080

Mechanical Dial Indicator - 25 mm Range Counter Clockwise Movement
Code: 88-4130

Set of Weights 100Kg Total Weight.
Code: 25-0408

Weight Set A
Code: 25-0535

Weight Set B
Code: 25-0537

Alternatives
AUTO Soils Consolidator
Code: 25-0500/09

Pneumatic Consolidation Apparatus
Code: 25-0560