



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

This wishlist was generated on 16/06/2017, and contains the following Products:

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25-0402

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

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25-0408

**Set of Weights 100Kg Total Weight.**

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25-0440

**Dial Gauge 10mm Travel X 0.002mm Divisions.**

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25-0503

**Consolidation Cell/ Oedometer Complete 75mm Diameter Sample**

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25-0509

**Calibration Disc 75mm Cell**

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25-0506

**Cutting Ring 75mm Cell.**

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25-0503/13

**75mm Dia Upper and Lower Porous Stones for Use on EL25-0503 Series Cell.**

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## 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

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

## 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).

## Accessories



## 16 Ton Weight Set

Code: [25-0544](#)



## 2.416" Fixed Ring Consolidometer

Code: [25-0480](#)



## 2.5" Floating Ring Consolidometer

Code: [25-0530](#)



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

Code: [25-0479](#)



## Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



## Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



## Floor Mounting Stand.

Code: [25-0429](#)

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## Mechanical Dial Indicator - 0.4" Range

Code: [88-4070](#)

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## Mechanical Dial Indicator - 1.0" Range Counter Clockwise Movement

Code: [88-4120](#)

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## Mechanical Dial Indicator - 10 mm Range

Code: [88-4080](#)

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## Mechanical Dial Indicator - 25 mm Range Counter Clockwise Movement

Code: [88-4130](#)

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## Set of Weights 100Kg Total Weight.

Code: [25-0408](#)

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## Weight Set A

Code: [25-0535](#)



## Weight Set B

Code: [25-0537](#)

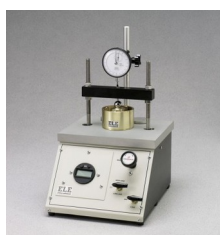
## Spares/Consumables



## Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)

## Alternatives



## Pneumatic Consolidation Apparatus

Code: [25-0560](#)





## Set of Weights 100Kg Total Weight.

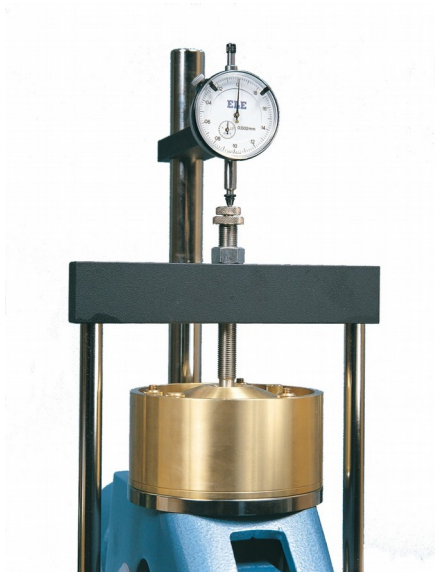
Code: [25-0408](#)

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, ASTM D3877, BS 1377-5



## Dial Gauge 10mm Travel X 0.002mm Divisions.

Code: [25-0440](#)

Product Group: [Direct/Residual Shear Apparatus](#),  
[Measurement of Horizontal and Vertical Movement](#),  
[Vertical settlement measurement](#)

## Spares/Consumables



## Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)



## Vertical Dial Indicator, English

Code: [25-0445](#)





## Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)

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

## Specification

Application	BS/EN 10:1
Specimen Dia	75 mm
Specimen area	4418 mm <sup>2</sup>
Beam ratio	9:1
Load kg	1
Stress	20 kPa
Typical max stress	3.2 MPa
Stress for 1 kg m <sup>2</sup>	20 kPa
Application	BS
Specimen Diameter	75 mm
Specimen Area	4418 mm <sup>2</sup>
Beam Ratio	10:01
Load	1 kg
Stress	20 kPa
Typical Maximum Stress	3.2 MPa
Stress for 1 kg	20 kPa

## Accessories



### Calibration Disc 75mm Cell

Code: [25-0509](#)



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

Code: [25-0479](#)



## Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)

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### Spares/Consumables



## 75mm Dia Upper and Lower Porous Stones for Use on EL25-0503 Series Cell.

Code: [25-0503/13](#)



## Cutting Ring 75mm Cell.

Code: [25-0506](#)

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### Alternatives



## Calibration Disc 75mm Cell

Code: [25-0509](#)



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

Code: [25-0479](#)



## Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



## Calibration Disc 75mm Cell

Code: [25-0509](#)

Product Group: [BS EN consolidation cells and accessories](#), [Fixed Ring Consolidation](#)

## Standards

BS 1377-5

## Accessories



## Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)

## Alternatives



## Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



## Cutting Ring 75mm Cell.

Code: [25-0506](#)

Product Group: [BS EN consolidation cells and accessories](#), [Fixed Ring Consolidation](#)

## Standards

BS 1377-5

## Accessories



## Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



## 75mm Dia Upper and Lower Porous Stones for Use on EL25-0503 Series Cell.

Code: [25-0503/13](#)

Product Group: [BS EN consolidation cells and accessories](#), Fixed Ring Consolidation

## Standards

BS 1377-5

## Accessories



## Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)