



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

# Contents

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+44 (0) 01525 249 200



This wishlist was generated on 07/09/2019, and contains the following Products:

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25-0402

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

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25-0429

**Floor Mounting Stand.**

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25-0479

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

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25-0530

**2.5" Floating Ring Consolidometer**

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88-4210

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

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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 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

Load Capacity	48 tons/sq. ft. (5,14 8 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	24 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](#)

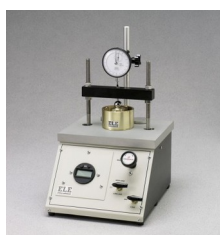
## Spares/Consumables



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

Code: [88-4210](#)

## Alternatives



## Pneumatic Consolidation Apparatus

Code: [25-0560](#)



## Floor Mounting Stand.

Code: [25-0429](#)

Product Group: [Consolidation Apparatus](#), [Table Top Consolidation Apparatus](#)

A versatile modular steel stand. Holes in the shelf are provided for securing up to three EL25-0402 Consolidation Frames. Dimensions 610 x 915 x 865 mm (l x w x h).

## Standards

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



## 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, ASTM D3877

## Specification

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

## Accessories



### 2.5" Floating Ring Consolidometer

Code: [25-0530](#)



### Calibration Disc 2.5 Inch Cell

Code: [25-0485](#)



### Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



## Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)

### 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](#)

### Alternatives



## 2.5" Floating Ring Consolidometer

Code: [25-0530](#)



## Calibration Disc 2.5 Inch Cell

Code: [25-0485](#)



## Consolidation Cell Complete 50mm Diameter Sample.

Code: [25-0455](#)



## Consolidation Cell/ Oedometer Complete 75mm Diameter Sample

Code: [25-0503](#)



## 2.5" Floating Ring Consolidometer

Code: [25-0530](#)

Product Group: [Floating Ring Consolidometer](#),  
[Pneumatic Consolidation Apparatus](#), [Table Top Consolidation Apparatus](#)

### Specification

Specimen Size	2.5" diam. x 1" h. (63.5 x 25.4 mm).
Base	One-piece machined bronze; 5" diam. x 3" h. (127 x 76.2 mm).
Specimen Ring	Machined brass.
Porous Stones	2-15/32" diam. x 1/2" thick (62.7 x 12.7 mm).
Weight	Net 13 lbs. (5.9 kg).

### Accessories



## 2.416" Fixed Ring Consolidometer

Code: [25-0480](#)



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

Code: [25-0479](#)

### Spares/Consumables



## Porous Stone 2-15/32" dia.

Code: [25-0530/10](#)



## Specimen Ring 2.5"

Code: [25-0533](#)

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### Alternatives



## 2.416" Fixed Ring Consolidometer

Code: [25-0480](#)



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

Code: [25-0479](#)



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

Code: 88-4210

Product Group: Table Top Consolidation Apparatus, Electronic Digital Indicator, Pneumatic Consolidation Apparatus, Direct/Residual Shear Apparatus

Resolution of 0.0001" (0.002 mm)

## Accessories



## AC Adaptor for Electronic Digital Indicators

Code: 88-4270/02



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

Code: 25-0440



## 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 Clockwise Movement

Code: [88-4110](#)



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

Code: [88-4130](#)

## Spares/Consumables



## Dial Indicator - 1.0" Range

Code: [88-4100](#)



## Electronic Digital Indicator, 0.250"/6.35 mm range

Code: [88-4200](#)



## Vertical Dial Indicator, English

Code: [25-0445](#)

## Alternatives



## Dial Indicator - 1.0" Range

Code: [88-4100](#)



## Electronic Digital Indicator, 0.250"/6.35 mm range

Code: [88-4200](#)



## Vertical Dial Indicator, English

Code: [25-0445](#)