



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

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25-0440

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

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## Spatula 100 mm

Code: [81-0100](#)

Product Group: [Spatulas](#)

### Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***



## Support Assembly

Code: [81-0094](#)

Product Group: [Stand, Bosshead and Clamp](#)

- Retort stand and clamp for general purpose

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***



## Moisture Content Tin

Code: [81-2979](#)

Product Group: [Moisture Content Tin and Sample Containers](#)

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***





## Wash Bottle

Code: [82-2500](#)

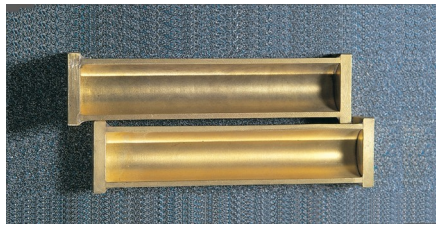
Product Group: [Bottles and Crucibles](#)

Polythene, 500 ml capacity.

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***





## Shrinkage Mould to BS 1377

Code: [24-1800](#)

Product Group: [Linear Shrinkage](#)

To produce a specimen 140 mm long x 12.5 mm radius.

## Standards

BS 1377

## Accessories



## Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: [81-0588](#)



## Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: [81-0588](#)

Product Group: [Determination of the Shape Index, Linear Shrinkage, Miscellaneous Laboratory Hardware](#)

Vernier callipers 200 x 0.002mm. Graduated in mm and inches.

## Standards

EN 933-4, BS 1377



## Paraffin Wax

Code: [82-7031](#)

Product Group: [Chemicals, Test and Reference Materials](#)

No hazard (congealing point approx 49°C). 5 kg block.

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

## Accessories



### Vibrating Hammer

Code: [47-0455/01](#)

## Alternatives



### Vibrating Hammer

Code: [47-0455/01](#)



## Electronic Balance - 220g x 0.001g

Code: [78-5335/01](#)

Product Group: [Electronic Balances](#)

## Further Information

**\*\*Not available for sale in the USA\*\***

## Specification

Capacity resolution	220 g x 0.001 mg
Pan size	120 mm dia
Mains and battery	No
Dimensions (w x d x h)	220 x 310 x 270 mm
Weight	12 kg
Weighing units	g, mg, ct, GN, N, oz, ozt, dwt, T, custom unit
Readability	0.001 mg



## 50 Litre Drying Oven

Code: [78-1215/01](#)

Product Group: [Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

## Standards

BS 2648, BS 598, BS 1377, BS 1924

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

## Alternatives



## 100 Litre Drying Oven

Code: [78-1225/01](#)



## 150 Litre Drying Oven

Code: [78-1235/01](#)



## 225 Litre Drying Oven

Code: [78-1250/01](#)



## 425 Litre Drying Oven

Code: [78-0135/01](#)





## MultiPlex 50 Load Frame

Code: [25-3700/01](#)

Product Group: [Data Logging with the DSU](#), [CBR Load Frames](#), [Marshall Load Frames](#), [Triaxial Load Frames](#), [Data Logging with the DSU](#)

Compact bench mounting load frame designed for performing laboratory CBR, unconfined compression, Quick Undrained Triaxial and Marshall Stability Tests. Has a variable speed of 0.5 to 50.8mm per minute and features rapid approach of platen.

## Standards

EN 12697-34, BS 598, BS 1377, BS 1924, ASTM D1883, EN 12697-23, EN 12697-24, EN 13286-47, AASHTO T193, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297, ASTM D6927

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

## Specification

Dimensions (l x w x h)	550 x 400 x 1470 mm
Max vertical clearance	800 mm
Horizontal clearance	265 mm
Platen diameter	133 mm
Platen travel	100 mm
Platen speed range	0.5 to 50.8 mm/min
Rapid approach speed	40 mm/min
Weight kg	100, (shipping 113 kg)

## Accessories



### 50kN Clamped Boss Load Ring

Code: [78-0860](#)





## 50kN S-type Load Cell

Code: [27-1559](#)



## Bracket and Adaptor. Dual Purpose Mounting Bracket for CBR Penetration Gauges EL24-9184/EL24-9186

Code: [24-9188](#)



## Cbr Penetration Piston (Adjustable).

Code: [24-9183](#)



## CBR Penetration Transducer 50mm Travel Fitted with 5 Pin Din Plug.

Code: [27-1705](#)



## Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



## Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)

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## Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)

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## Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)

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## Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)

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## Penetration Dial Gauge BS

Code: [24-9186](#)

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## Penetration Piston

Code: [24-9182](#)

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## Penetration/Swell Dial Gauge ASTM.

Code: [24-9184](#)

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### Alternatives



## Cbr-Test 50 Machine 50kN Capacity BS and ASTM Supplied with Stabilising Bar.

Code: [24-9150/01](#)



## Cbr-Test 50 Machine 50kN Capacity BS and ASTM Supplied with Stabilising Bar.

Code: [24-9150/06](#)



## Digital Tritest 50 Load Frame

Code: [25-3518/01](#)



## Unconfined Compression Platens. for Use on Ele Load Frames Max Sample Dia 95mm.

Code: [25-3650](#)

Product Group: [N/A](#)

### Standards

ASTM D2166, AASHTO T208, BS 1377, BS 1924, EN 13286-47, ASTM D1883, AASHTO T193



## Clamped Boss Load Ring - 4.5 kN

Code: 78-0260

Product Group: Digital Tritest 50 Load Frame, Direct/Residual Shear Apparatus, Proving Rings, Load Measurement, Load Measurement, Load Measurement, Clamped Boss Load Rings

### Specification

Capacity: kN, kgf, lbf	4.5, 450, 1000
Typical Design sensitivity: N/div, kgf/div, lbf/div	3.0, 0.30, 0.66
Overall height mm	248
Approx weight kg	3.5
Capacity - lbf	1,000
Capacity - kN	4.5
Capacity - kgf	450
Typical Design Sensitivity - lbf/div	0.66
Typical Design Sensitivity - kN/div	3
Typical Design Sensitivity - Kg/div	0.3
Overall Height	9.76" (248 mm)
Approx Weight	7.7 lbs.(3.5 kg)

### Accessories



## 50kN Clamped Boss Load Ring

Code: 78-0860



## Clamped Boss Load Ring - 10.0 kN

Code: 78-0460



## Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



## Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



## Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



## Digital Proving Ring, 1,000 lbs (4.5 kN)

Code: [78-0264](#)

## Spares/Consumables



## Spare Dial Indicator for Load Rings

Code: [78-5461](#)

## Alternatives



## 50kN Clamped Boss Load Ring

Code: [78-0860](#)



## Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



## Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



## Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



## Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



## Digital Proving Ring, 1,000 lbs (4.5 kN)

Code: [78-0264](#)





## Two Part Split Mould 70mm

Code: [25-6530](#)

Product Group: [Two-way Split Moulds](#), [Two-Part Split Mould](#)



## Two-Way Split Former 70mm Diameter.

Code: [25-6500](#)

Product Group: [Two-way Split Formers](#), [Two-Way Split Formers](#)

70Mm Diameter Two-Way Split Former.

## Accessories



### 1.4" Two-Way Split Formers

Code: [25-4320](#)



### 2.8" Two-Way Split Formers

Code: [25-6680](#)



### Two-Way Split Former 100mm Diameter.

Code: [25-7650](#)

## Alternatives



## 1.4" Two-Way Split Formers

Code: [25-4320](#)



## 2.8" Two-Way Split Formers

Code: [25-6680](#)



## Two-Way Split Former 100mm Diameter.

Code: [25-7650](#)



## ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)

Product Group: [Proctor compaction](#), [Standard Compaction Hammer](#)

50.8mm diameter x 305mm deep.

## Standards

ASTM D1557, AASHTO T180, ASTM D558, ASTM D559, ASTM D560, ASTM D698, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136

## Specification

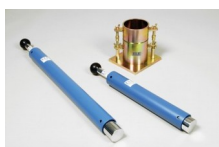
Hammer	2" diam. (50.8 mm); 5-1/2 lbs. (2.49 kg).
Drop	12 " (305 mm).
Guide Sleeve	Machined steel tubing with air pressure release holes
Finish	Corrosion resistant
Weight	4.1 kg (9 lbs)

## Accessories



## ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



## Straight Edge 300mm.

Code: [24-9010](#)

## Alternatives



## ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



## Straight Edge 300mm.

Code: [24-9010](#)



## ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)

Product Group: [ASTM/Modified Proctor compaction, Modified Compaction Hammer](#)

50.8mm diameter x 457.2 mm drop.

## Standards

ASTM D1557, AASHTO T180

## Specification

Hammer	2" diam. (50.8 mm); 10 lbs. (4.5 kg).
Drop	18" (457.2 mm).
Guide Sleeve	Machined steel tubing with integrally spun end cap; air pressure release holes.
Finish	Corrosion resistant
Weight	Net 6.3 kg (14 lbs)

## Accessories



## ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)

## Alternatives



## ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)



## Penetration Piston

Code: [24-9182](#)

Product Group: [Penetration Measurement](#)

1.935 mm<sup>2</sup> (3 in<sup>2</sup>) area foot of case hardened steel.  
Designed to fit all ELE load rings.





## Penetration/Swell Dial Gauge ASTM.

Code: [24-9184](#)

Product Group: [Expansion \(swell\) Test Equipment](#),  
[In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#),  
[Penetration Measurement](#)

1 in travel x 0.0005 in divisions. Complete with rack extensions and chisel edge anvil.

## Standards

BS 1377, BS 1924



## Bracket and Adaptor. Dual Purpose Mounting Bracket for CBR Penetration Gauges EL24-9184/EL24-9186

Code: 24-9188

Product Group: In-situ CBR, Conversion of In-situ to Laboratory CBR, Penetration Measurement

Dual purpose mounting bracket for CBR penetration dial gauges. Allows gauge to be fixed to penetration piston or load ring.

### Standards

BS 1377, BS 1924



## ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)

Product Group: [ASTM/AASHTO CBR mould](#)

With collar and perforated baseplate.

## Standards

ASTM D1883, AASHTO T193

## Specification

Mould	152.4 x 177.8 mm (inside diameter x height)
Collar	50.8 mm height, fits both ends of mould
Base plate	Perforated
Construction	All steel, plated
Weight kg	9

## Accessories



### 4.5Kg Annular Surcharge Weight ASTM.

Code: [24-9243](#)



### 5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)



### ASTM Cutting Collar.

Code: [24-9236](#)



## ASTM Spacing Disc.

Code: [24-9238](#)

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### Alternatives



## 4.5Kg Annular Surcharge Weight ASTM.

Code: [24-9243](#)



## 5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)



## ASTM Cutting Collar.

Code: [24-9236](#)



## ASTM Spacing Disc.

Code: [24-9238](#)



## ASTM Spacing Disc.

Code: [24-9238](#)

Product Group: [Spacer Discs, ASTM/AASHTO CBR mould accessories](#)

150.8 mm diameter x 61.4 mm deep.

## Specification

Construction

Steel; machined on all sides.

Finish

Plated.

Weights

Net 18.9 lbs. (8.6 kg).

## Accessories



### ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)

## Alternatives



### ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)



## Filter Screen 150mm Dia with 0.15mm Mesh.

Code: [24-9240](#)

Product Group: [Filter Screen, ASTM/AASHTO CBR mould accessories](#)

150 mm dia, 150 µm mesh for use with ASTM mould.

## Specification

Mesh	Brass; number 100.
Size	5-15 /16" diam. (135 mm).
Weight	Net 1 oz. (28 g).

## Accessories



## Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

Code: [24-9250](#)

## Alternatives



## Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

Code: [24-9250](#)



## 4.5Kg Annular Surcharge Weight ASTM.

Code: [24-9243](#)

Product Group: [ASTM/AASHTO CBR mould accessories](#)

## Accessories



### ASTM Cbr Mould Complete with Collar & Perferated Base

Code: [24-9228](#)

## Alternatives



### ASTM Cbr Mould Complete with Collar & Perferated Base

Code: [24-9228](#)





## 5Lb (2.27Kg) Split Surcharge Weight.

Code: [24-9244](#)

Product Group: [ASTM/AASHTO CBR mould accessories](#), [Surcharge Weights](#)

## Specification

Construction  
Finish

Machined steel.  
Plated.

## Accessories



## 5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)

## Alternatives



## 5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)



## Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

Code: [24-9250](#)

Product Group: [Filter Paper, ASTM/AASHTO CBR  
mould accessories](#)

Box of 100.

## Standards

ASTM D1883, AASHTO T193

## Specification

Grade	Coarse.
Size	15 cm diam. (5.9â€³).
Weight	Net 8 oz. (227 g).

## Accessories



### Filter Screen 150mm Dia with 0.15mm Mesh.

Code: [24-9240](#)

## Alternatives



### Filter Screen 150mm Dia with 0.15mm Mesh.

Code: [24-9240](#)



## Swell Plate

Code: [24-9260](#)

Product Group: [Expansion \(swell\) Test Equipment, Swell Plate](#)

With adjustable stem.

## Standards

ASTM D1883, AASHTO T193

## Specification

Base Plate	5 15/16" diam. (150.8mm); perforated.
Contact Head	Adjustable; locks on stem with knurled nut.
Construction	Aluminium
Weight	Net 2-1/2 lbs. (1.1 kg).



## Swell Stand

Code: [24-9262](#)

Product Group: [Expansion \(swell\) Test Equipment, Tripod Attachment](#)

For mounting Swell Dial Gauge in position on CBR mould collar.

## Standards

ASTM D1883, AASHTO T193

## Further Information

Requires dial indicator; not included, order separately

## Specification

Construction	Machined, one-piece cast aluminum.
Contact Head	Integral part of ssembly; holds dial indicator.
Construction	2" I. (50.8 mm) included.
Weight	Net 1 lb. (0.4 kg).

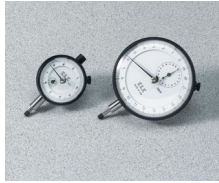
## Accessories



## Mechanical Dial Indicator - 25 mm Range Clockwise Movement

Code: [88-4110](#)

## Spares/Consumables



## Dial Indicator - 1.0" Range

Code: 88-4100

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## Alternatives



## Electronic Digital Indicator, 1.0"/25.4 mm range

Code: 88-4220



## Clamped Boss Load Ring - 28.0 kN

Code: 78-0760

Product Group: Digital Tritest 50 Load Frame, Proving Rings, CBR-Test 50 Machine, Conversion of In-situ to Laboratory CBR, CBR Loading Press, Hand-Operated, Force measurement, Load Measurement, Load Measurement, Clamped Boss Load Rings

## Standards

BS 1377, BS 1924

## Specification

Capacity: kN, kgf, lbf	28.0, 2800, 6000
Typical Design sensitivity: N/div, kgf/div, lbf/div	25.5, 2.54, 5.45
Overall height mm	248
Approx weight kg	5.4
Capacity	28 kN
Value of CBR	Average range of CBR
Capacity - lbf	6,000
Capacity - kN	28
Capacity - kgf	2,800
Typical Design Sensitivity - lbf/div	5.45
Typical Design Sensitivity - kN/div	25.5
Typical Design Sensitivity - Kgf/div	2.54
Overall Height	9.76" (248 mm)
Approx Weight	11 .9 lbs.(5.4 kg)

## Accessories



## 50kN Clamped Boss Load Ring

Code: 78-0860



## Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



## Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



## Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



## Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



## Digital Proving Ring, 6,000 lbs (28.0 kN)

Code: [78-0764](#)

## Spares/Consumables



## Spare Dial Indicator for Load Rings

Code: [78-5461](#)

## Alternatives



## 50kN Clamped Boss Load Ring

Code: [78-0860](#)

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## Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)

---



## Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)

---



## Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)

---



## Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)

---



## Digital Proving Ring, 6,000 lbs (28.0 kN)

Code: [78-0764](#)





## ASTM Cutting Collar.

Code: [24-9236](#)

Product Group: [Cutting Edge, ASTM/AASHTO CBR mould accessories](#)

To fit ASTM CBR mould body, manufactured with a cutting edge to enable undisturbed samples to be taken in the field.

## Standards

ASTM D1883, AASHTO T193

## Specification

Dimensions	6" i.d. x 1-1/2" h. (152.4 x 38 mm).
Construction	Machined seamless steel tubing; recessed for mounting on CBR Mold.
Finish	Plated.
Weight	Net 1-1/2 lbs. (0.7 kg).

## Accessories



## ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)

## Alternatives



## ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)



## Large Curing Tank C/W with Circulating Pump Heater/Thermostat Unit and Lower Rack

Code: [34-6575/01](#)

Product Group: [Expansion \(swell\) Test Equipment, Large Curing Tank](#)

This Large Curing Tank is supplied complete with a submersible pump, immersion heater/thermostat unit and separate control panel. The tank includes a lower rack as standard and is designed to maintain the temperature at  $20 \pm 2^{\circ}\text{C}$ , providing that the ambient temperature does not fall below  $15^{\circ}\text{C}$  or rise above  $20^{\circ}\text{C}$ .

## Standards

EN 12390-2, ASTM C31, AASHTO T23

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

Supplied as specified. For 220 - 240 V AC, 50 - 60 Hz, 1 ph.

## Specification

Internal Dimensions	1040 x 1040 x 605 mm (l x w x h)
Capacity	650 litres
Rated Power	2000 watt
Weight	60 kg

## Accessories



### Maximum and Minimum Thermometer

Code: [82-5310](#)

## Alternatives



## Jolting Table 220 - 240 V AC 60 Hz

Code: [39-1150/06](#)



## 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](#)

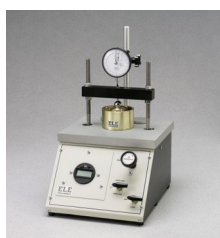
## Spares/Consumables



## 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





## 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](#)



## Calibration Disc 2.5 Inch Cell

Code: [25-0485](#)

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

## Standards

ASTM D2435, ASTM D4546, AASHTO T216, ASTM D3877

## Accessories



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

Code: [25-0479](#)

## Alternatives



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

Code: [25-0479](#)



## DSU Electronic Readout and Control System 220 - 240 V AC 50/60 Hz

Code: [27-1300/01](#)

Product Group: [Data Logging with the DSU](#), [Electronic Instrumentation](#), [Electronic Instrumentation](#), [Electronic Instrumentation](#), [Data Logging with the DSU](#)

· Download the full brochure here  
[[/Page/catalogue-download/NTRmZS9UaGUgTkVXIERTVSBVU0EucGRm](#)]

- 4 channel automatic control and data-logging unit
- Automatic, dual-frame control
- Performs CBR, Marshall, Unconfined Compression, Direct and Residual Shear, One-Dimensional Consolidation and Unconsolidated Undrained tests
- LAN connection - software can be running anywhere on your server
- Never lose data from power fails - 2 gigabytes of non-volatile memory
- Extended warranty

The Data System Unit (DSU) is a versatile instrument designed to accommodate the general logging requirements of geotechnical and materials testing engineers. Its intelligent interface allows the user to work with a range of different sensors.

## Further Information

The DSU has two distinct modes of operation. The first is referred to as DS mode (DataSystem) for operation with ELE International's established DS7 geotechnical testing software.

### DS MODE

- Up to four one dimensional consolidation tests
- Up to two CBR tests
- One direct/residual shear test
- One triaxial quick un-drained test

### DU MODE

- Up to two Marshall tests
- Up to two CBR tests
- Up to two Unconfined compression tests
- Automatic frame control

### OVERVIEW

- Touch Screen data entry for standalone operation, Marshall/CBR/Quick un-drained

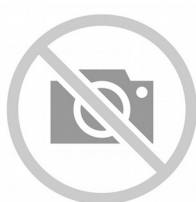
- Automatic single and dual frame control (with multiplex 50 frame)
- Log memory of 2 gigabytes
- Non-volatile memory
- Ethernet TCPIP link and serial comms support
- Market leading signal stability
- Certificate and manual calibration features

Become a member of the ELE International web site, add this new product to a wishlist to receive a quote! Click here [Login]

This product is now available in the USA and Canada!

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## Accessories



### Cable, Safety/ID

Code: [27-1300/11](#)



### Dual Frame Comms Cable

Code: [27-1300/10](#)



### PC Cable

Code: [27-1300/12](#)

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## Alternatives



### DSU Electronic Readout and Control System 110 V AC 60 Hz

Code: [27-1300/02](#)



## Marshall Test 50

Code: [45-6810/01](#)



## Marshall Test 50

Code: [45-6810/06](#)



## Consolidation Transducer Assembly 10mm Travel Fitted with 5 Pin Din Plug.

Code: [27-1649](#)

Product Group: [Displacement Measurement](#),  
[Displacement Transducers](#), [Vertical settlement measurement](#)

Fitted with 5 pin DIN plug.

## Specification

Construction	Fully encapsulated electronics, sealed in a stainless steel case
Excitation	11 V DC
Connector	5-pin DIN type
Mounting bracket	Included as standard
Weight kg	0.45

## Accessories



## Axial Strain Transducer Assembly 50mm Travel Fitted with 5 Pin Din Plug.

Code: [27-1617](#)





## Horizontal Displacement Transducer Assembly 15mm Travel 5 Pin Din Plug Mounting Pillar

Code: [27-1697](#)



## Vertical Displacement Transducer Assembly 15mm Travel with 5 Pin Din Plug Bracket for Shear Box

Code: [27-1689](#)

### Spares/Consumables



## CBR Displacement Transducer

Code: [27-1706](#)

### Alternatives



## Transducer Extension Cable 3.0 m

Code: [27-1717](#)



## Transducer Extension Cable 4.5 m

Code: [27-1719](#)



## DS7.2 One-Dimensional Consolidation Program for Windows 7, 32/64 bit

Code: [27-1773](#)

Product Group: [DS7, DS7.2 One-Dimensional Consolidation Software](#)

DS7.1 Consolidation Software provides all basic functions needed to record and analyse consolidation test data. Options are available for monitoring settlement on a log time or square-root time basis. Printouts and graphical plots are available for all stages including  $M_v$  and  $C_v$  moisture content, voids ratio plots, and initial sample conditions.



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

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

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

## Standards

ASTM D2435, ASTM D4546, AASHTO T216, ASTM D3877

## Accessories



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

Code: [25-0479](#)



## 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](#)