



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

This wishlist was generated on 14/06/2017, and contains the following Products:

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24-9000

**BS Standard Compaction Mould 1000Cm Capacity.**

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24-9002

**Standard Compaction Rammer 2.5kg BS1377**

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78-1250/01

**225 Litre Drying Oven**

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78-1245

**Dial Thermometer**

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78-5456/01

**Electronic Balance - 4600 g x 0.01 g**

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78-5527/01

**Electronic Balance - 32 000 g x 1.0 g**

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81-0220

**Aluminium Scoop Large**

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81-2979

**Moisture Content Tin**

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81-3000

**Sample Container - Tinned Steel 0.5 litres**

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81-4020

**Sample Tray - 306 x 306 x 38 mm**

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24-9183

**Cbr Penetration Piston (Adjustable).**

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24-9186

**Penetration Dial Gauge BS**

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24-9188

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

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24-9290

**45kN (10000Lb) Capacity Mechanical Jack.**

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24-9298

**Land Rover Bracket to Attach EL29-200 Jack. for Land Rovers Models 90 & 110 From 1983 Onwards.**

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24-9300

**Ball Seating for EL 24-9290 45 kN Jack**

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24-9308

**Set of Extension Rods Complete**

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24-9312

**Datum Bar Assembly.**

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24-9320

**10Lb (4.5Kg) Annular Surcharge Weight.**

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24-9322

**10Lb (4.5Kg) Slotted Surcharge Weight.**

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78-0760

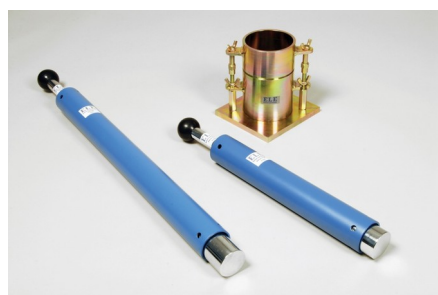
**Clamped Boss Load Ring - 28.0 kN**

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29-3800

**Plate Bearing Apparatus Complete. 500kN Capacity**

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## BS Standard Compaction Mould 1000Cm Capacity.

Code: 24-9000

Product Group: BS/EN compaction test 2.5kg,  
Accessories for BS compaction and CBR

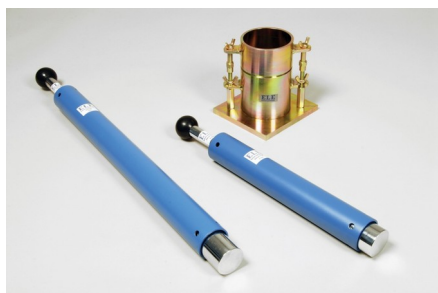
Plated steel standard compaction mould to BS 1377, comprising of a collar mould body and base plate with quick release wing nuts for easy dismantling.

## Standards

BS 1377-4, BS 1924-2

## Specification

Mould volume	1 litre
Dimensions	105 mm dia x 115.4 mm high
Construction	All steel, threaded studs with wing nuts, plated.
Weight	5.5 kg



## Standard Compaction Rammer 2.5kg BS1377

Code: [24-9002](#)

Product Group: [BS/EN compaction test 2.5kg](#)

50mm diameter with 300mm drop, manufactured from corrosion protected steel.

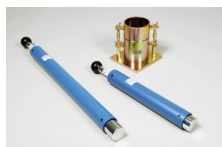
## Standards

BS 1377-4, BS 1924-2

## Specification

Rammer	50 mm dia, 2.5 kg
Drop	300 mm
Guide Sleeve	Machined steel tubing with air pressure release holes
Finish	Corrosion resistant
Weight kg	4.2

## Alternatives



## BS Compaction Rammer 4.5Kg Wt.

Code: [24-9004](#)



## 225 Litre Drying Oven

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

Product Group: [Percentage Refusal Density \(PRD\)](#),  
[Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

## Standards

EN 12697-32, EN 13280-4, BS 598-104, BS 1377

## Specification

Capacity	225 litres
External Dimensions (l x w x h)	540 x 1040 x 940
Internal Dimensions (l x w x h)	440 x 920 x 600
Fluctuation	± 0.75°C
Rated power heater elements	2000 W
Shelves supplied	3
Shelf positions	4
Weight	80 kg

## Alternatives



## 100 Litre Drying Oven

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



## 150 Litre Drying Oven

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



## 425 Litre Drying Oven

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

# Product Sheet

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## 50 Litre Drying Oven

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



## Dial Thermometer

Code: [78-1245](#)

Product Group: [N/A](#)

## Standards

BS 1377

## Further Information

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





## Electronic Balance - 4600 g x 0.01 g

Code: [78-5456/01](#)

Product Group: [Electronic Balances](#)

## Further Information

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

## Specification

Capacity resolution	4500 g x 0.01 g
Pan size	160 x 160 mm
Mains and battery	No
Dimensions (w x d x h)	220 x 310 x 90 mm
Weight	6 kg
Weighing units	g, kg, lb, lb:oz, oz, ozt, T, custom unit.
Repeatability	0.02 g
Power supply	100-240V, 50/60Hz, 1pH



## Electronic Balance - 32 000 g x 1.0 g

Code: [78-5527/01](#)

Product Group: [Electronic Balances](#)

## Further Information

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

## Specification

Capacity resolution	32000 g x 1.0 g
Pan size	225 x 275 mm
Mains and battery	Yes
Dimensions (w x d x h)	315 x 355 x 110 mm
Weight	6 kg
Weighing units	g, kg, lb, lb:oz, oz
Repeatability	1 g
Power supply	230AC, 50/60Hz, 10 watts



## Aluminium Scoop Large

Code: [81-0220](#)

Product Group: [Slump Test, Scoops and Shovels](#)

### 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\*\***



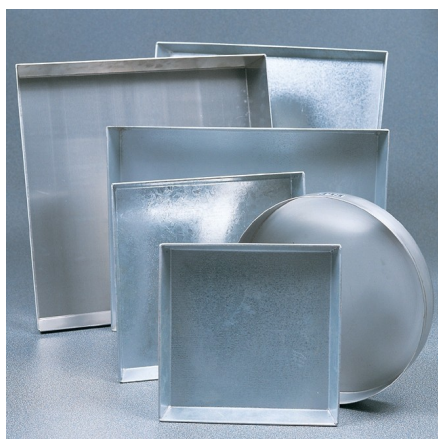
## Sample Container - Tinned Steel 0.5 litres

Code: [81-3000](#)

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

### Further Information

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



## Sample Tray - 306 x 306 x 38 mm

Code: [81-4020](#)

Product Group: [Sample Trays](#)

### Further Information

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



## Cbr Penetration Piston (Adjustable).

Code: [24-9183](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#), [Penetration Measurement](#)

As 24-9182 but with a coarse stem adjustment. This piston is particularly useful for in-situ testing.

## Standards

BS 1377, BS 1924



## Penetration Dial Gauge BS

Code: [24-9186](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#), [Penetration Measurement](#)

Complete with rack extensions and chisel edge anvil. 25 mm travel x 0.01 mm divisions.

## 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



## 45kN (10000Lb) Capacity Mechanical Jack.

Code: [24-9290](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#)

The body is corrosion protected and houses an enclosed worm and wheel gear. The gear ratio has been carefully selected to provide a handwheel speed that can be comfortably maintained, particularly with soils of high CBR value. A quick-release device in the screwjack allows the plunger to be rapidly adjusted prior to the test.

## Standards

BS 1377, BS 1924



## Land Rover Bracket to Attach EL29-200 Jack. for Land Rovers Models 90 & 110 From 1983 Onwards.

Code: [24-9298](#)

Product Group: [In-situ CBR](#)

Fits all models in Land Rover series 90 and 110.

### Standards

BS 1377, BS 1924



## Ball Seating for EL 24-9290 45 kN Jack

Code: [24-9300](#)

Product Group: [In-situ CBR](#)

For fitting between the mechanical jack and reaction point. The ball seating is used when testing on undulating ground to ensure that the jack, load measuring ring and penetration piston are truly vertical. Non-axial loading of the load ring will give false results and will eventually damage the ring itself.

## Standards

BS 1377, BS 1924



## Set of Extension Rods Complete

Code: [24-9308](#)

Product Group: [In-situ CBR](#)

Made from high quality steel with large section thread for quick assembly.

## Standards

BS 1377, BS 1924



## Datum Bar Assembly.

Code: [24-9312](#)

Product Group: [In-situ CBR](#)

Comprising 2 tripod stands and a datum bar.

## Standards

BS 1377, BS1924



## 10Lb (4.5Kg) Annular Surcharge Weight.

Code: [24-9320](#)

Product Group: [In-situ CBR](#)

### Standards

BS 1377, BS 1924



## 10Lb (4.5Kg) Slotted Surcharge Weight.

Code: [24-9322](#)

Product Group: [In-situ CBR](#)

## Standards

BS 1377, BS 1924





## Clamped Boss Load Ring - 28.0 kN

Code: 78-0760

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

## 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

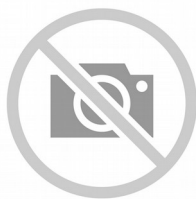
Code: [78-0260](#)



## 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](#)

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## Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)

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

Code: [78-0764](#)



## Plate Bearing Apparatus Complete. 500kN Capacity

Code: 29-3800

Product Group: In-situ Testing, Plate Bearing Apparatus

Applications include the determination of bearing capacity of the soil in situ, designing for static loads on spread footings, and repetitive and non-repetitive plate loading tests of soils and flexible pavements.

Manufactured from machined steel plate with a finished thickness exceeding 25 mm. The plate has concentric markings on one face. All plates are supplied with two lifting eyes except for the 150 mm dia plate.

NOTE: to successfully perform the test, a reaction load is required.

IMPORTANT: The equipment is used in conjunction with a reaction beam. This is not supplied with the equipment.

## Standards

BS 1377, EN 1997-3, ASTM D1194, ASTM D1195, ASTM D1196

## Further Information

Comprising of:

- Hydraulic Jack 500 kN capacity
- Pressure system
- Datum bar
- 4x dial gauges 50 mm travel x 0.01 mm divisions
- 4x bearing plates: 150 mm, 305 mm, 455 mm and 760 mm diameter

## Specification

Loading jack	500 kN capacity with integral ball seating
Pump	Hand operated, single speed with integral oil reservoir
Hose	3 m long. Maximum pressure 70 MPa with quick release couplings
Gauge	100 mm dia with quick release couplings and graphs to convert readings to kN, kgf and

# Product Sheet

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Weights

lbf  
Loading jack 24 kg.  
Pressure system 12.5 kg