

















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

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42-0410

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81-0310

**Trowel - Gardeners type** 



# **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

Dimensions 105 mm dia x 115.4 mm high Construction All steel, threaded studs with

1 litre

wing nuts, plated.

Weight 5.5 kg

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## **ASTM Compaction Mould 152mm.**

Code: 24-9066

Product Group: Accessories for ASTM and Proctor compaction, ASTM/Modified Proctor compaction

152mm inside diameter

### **Standards**

ASTM D698, ASTM D1557, AASHTO T99, AASHTO T180

## Specification

Dimensions 152.4 mm dia x 116.4 mm high Rammer Mould Volume 1/13.33 ft<sup>3</sup>

Construction All steel, threaded studs with

wing nuts, plated.

Weight 8.2 kg

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## **BS Compaction Rammer 4.5Kg Wt.**

Code: 24-9004

Product Group: BS/EN compaction test 4.5kg,

Straightedge

50mm diameter with 450mm drop, manufactured from corrosion protected steel.

#### Standards

BS 1377-4, BS 1924-2

## **Specification**

Rammer 50 mm dia, 4.5 kg

Drop 450 mm

Guide Sleeve Machined steel tubing with air

pressure release holes

Finish Corrosion resistant

Weight kg 7.5

#### **Accessories**



## Straight Edge 300mm.

Code: 24-9010

#### **Alternatives**



## **Standard Compaction Rammer 2.5Kg BS1377-1975**

Code: 24-9002

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# **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

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### **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

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## Straight Edge 300mm.

Code: 24-9010



## Straight Edge 300mm.

Code: 24-9010

Product Group: BS/EN compaction test 4.5kg, Proctor

compaction, Straightedge

300 mm

#### **Standards**

BS 1377-4, BS 1924-2, ASTM D698, ASTM D1557, AASHTO T99, EN 13286-2, EN 13286-4, ASTM D1883, AASHTO T193, ASTM D558, ASTM D559, ASTM D560, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180

### **Specification**

Construction Flat ground tool steel; beveled

edge.

Dimensions L x W x T (300mm x 40mm x

6mm).

Weight 550g

## **Accessories**



## **ASTM Compaction Rammer 2.5Kg.**

Code: 24-9063

#### **Alternatives**



### **ASTM Compaction Rammer 2.5Kg.**

Code: 24-9063

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## **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



## **5 Lb. Annular Surcharge Weight ASTM.**

Code: 24-9245

Product Group: ASTM/AASHTO CBR mould

accessories, Surcharge Weights

## Specification

Construction Finish

Machined steel. Plated.

#### **Accessories**



5Lb (2.27Kg) Split Surcharge Weight.

Code: 24-9244



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

Code: 24-9228

### **Alternatives**



5Lb (2.27Kg) Split Surcharge Weight.

Code: 24-9244



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

Code: 24-9228

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#### **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.

Integral part of ssembly; holds Contact Head

dial indicator.

Construction 2" I. (50.8 mm) included.

Net 1 lb. (0.4 kg). Weight

#### **Accessories**



**Mechanical Dial Indicator - 25 mm Range Clockwise** Movement

Code: 88-4110

## Spares/Consumables

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**Dial Indicator - 1.0" Range** 

Code: 88-4100

### **Alternatives**



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

Code: 88-4220



# Dial Gauge 25mm Travel X 0.01mm Divisions.

Code: 24-9275

Product Group: Expansion (swell) Test Equipment

25 mm travel x 0.01 mm.



#### **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 clearance800 mmHorizontal clearance265 mmPlaten diameter133 mmPlaten travel100 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

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**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



## **Clamped Boss Load Ring - 28.0 kN**

Code: 78-0760



## **Clamped Boss Load Ring - 3.0 kN**

Code: 78-0160



## **Clamped Boss Load Ring - 4.5 kN**

Code: 78-0260



## **Penetration Dial Gauge BS**

Code: 24-9186



### **Penetration Piston**

Code: 24-9182

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## Penetration/Swell Dial Gauge ASTM.

Code: 24-9184

### **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

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## **Penetration Piston**

Code: 24-9182

Product Group: Penetration Measurement

1.935 mm2 (3 in2) area foot of case hardened steel. Designed to fit all ELE load rings.

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## 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



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## 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



### 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: 25.5, 2.54, 5.45

N/div, kgf/div, lbf/div

Overall height mm 248
Approx weight kg 5.4
Capacity 28 kN

Value of CBR Average range of CBR

Capacity - Ibf 6,000
Capacity - kN 28
Capacity - kgf 2,800
Typical Design Sensitivity - 5.45

lbf/div

Typical Design Sensitivity - 25.5

kN/div

Typical Design Sensitivity - 2.54

Kgf/div

Overall Height 9.76" (248 mm) Approx Weight 11 .9 lbs.(5.4 kg)

#### **Accessories**



### **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

## Spares/Consumables



### **Spare Dial Indicator for Load Rings**

Code: 78-5461

#### **Alternatives**

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## **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

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#### **ELE Sieve Shaker**

Code: 80-0200/01

Product Group: ELE Sieve Shaker

The ELE sieve shaker is powered by an electromagnetic drive that has no rotating parts to wear making it maintenance free and extremely guiet in operation.

The unit features a triple Vertical-Lateral-Rotary vibrating action that moves the sample over the sieve producing faster more efficient sieving, while the rapid vertical movements also help keep the apertures from blinding.

The shaker is ideal for laboratory or on site use. It is robust, compact and sufficiently lightweight to be portable. The separate digital microprocessor controlled console unit incorporates a keypad for setting the sieving program and is isolated from any effects of vibration from the shaker.

As standard the shaker includes, timer 0-999 minutes, adjustable vibration intensity and adjustable intermittent or continuous operation.

#### **Further Information**

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

The unit accepts up to ten 200 mm or 8 inch, full height, diameter sieves and lid and receiver, or up to six 300 mm or 12 inch diameter sieves and lid and receiver. Complete as specified. Dimensions (I x w x h) 380 x 440 x 1085 mm. For 220 - 240 V AC, 50 Hz 1ph.



## **BS Cbr Mould Body.**

Code: 24-9198

Product Group: BS EN CBR mould, Accessories for

BS compaction and CBR

### Standards

ASTM D1883, AASHTO T193

## Specification

Mould 152 x 127 mm (inside diameter

x height)

Collar 51 mm height, fits both ends of

Solid, fits both ends od mould Base plate

Construction All steel, plated

7.3 Weight kg



## **BS Extension Collar**

Code: 24-9200

Product Group: BS EN CBR mould accessories, Accessories for BS compaction and CBR

### **Standards**

EN 13286-4, BS 1377-4, BS 1924-2



## **BS Solid Base or Top Plate**

Code: 24-9204

Product Group: BS EN CBR mould accessories, Accessories for BS compaction and CBR

### **Standards**

EN 13286-4, BS 1377-4, BS 1924-2

#### **Accessories**



## **2Kg Annular Surcharge Weight**

Code: 24-9214



### **Base Plate Tool for BS Mould**

Code: 24-9210



## **BS** Perforated Base Plate.

Code: 24-9202

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## **Cbr Cutting Collar with Area Ratio of 21.9% to Fit BS** Moulds.

Code: 24-9206



Filter Papers 150mm Dia Equivalent to Whatman No 1. Box of 100.

Code: 24-9220

#### **Alternatives**



**2Kg Annular Surcharge Weight** 

Code: 24-9214



**Base Plate Tool for BS Mould** 

Code: 24-9210



**BS** Perforated Base Plate.

Code: 24-9202

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# **Cbr Cutting Collar with Area Ratio of 21.9% to Fit BS Moulds.**

Code: 24-9206



Filter Papers 150mm Dia Equivalent to Whatman No 1. Box of 100.

Code: 24-9220

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## 100 mm Two-Part Split Mould

Code: 25-7655

Product Group: Two-Part Split Mould



## 30 L Heating Bath with Led Display Cover

Code: 45-6550/01

Product Group: Accessories for manual and

automatic compaction

### **Standards**

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

#### **Further Information**

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

#### **Accessories**



## **Breaking Head (Marshall)**

Code: 45-6850

#### **Alternatives**



## **Breaking Head (Marshall)**

Code: 45-6850

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

Code: 81-4020

Product Group: Sample Trays

## **Further Information**

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



## 6 Inch (152mm) Sand Cone.

Code: 29-4300

Product Group: Sand Cone 6"

Comprising two cones with a shutter mechanism.

Supplied without sand container.

Standards ASTM D1556, AASHTO T191

#### Accessories



## **5 Litre Plastic Container for Sand Cone**

Code: 29-4320



## Density Plate for EL29-4300.

Code: 29-4340



## Standard Sand - 600/300 µm

Code: 82-7401

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## **5 Litre Plastic Container for Sand Cone**

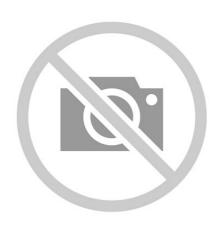
Code: 29-4320

Product Group: Sand Cone 6"

5 litre capacity for fitting to 29-4300

Standards

ASTM D1556, AASHTO T191



## Density Plate for EL29-4300.

Code: 29-4340

Product Group: Sand Cone 6"

For 6 inch sand cone. The plate has a 6.5 inch diameter recessed hole to locate the sand cone.

#### **Standards**

ASTM D1556, AASHTO T191

#### **Accessories**



## Standard Sand - 600/300 µm

Code: 82-7401

#### **Alternatives**



## Standard Sand - 600/300 µm

Code: 82-7401



# Core Cutter 100mm Id By 130mm Long.

Code: 29-5300

Product Group: Core Cutter Apparatus

Standards BS 1377

#### **Accessories**



# **Driving Dolly for EL 29-5300**

Code: 29-5320



# **Driving Rammer for EL 29-5320**

Code: 29-5340

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# **Driving Dolly for EL 29-5300**

Code: 29-5320

Product Group: Core Cutter Apparatus

Standards

BS 1377



# **Driving Rammer for EL 29-5320**

Code: 29-5340

Product Group: Core Cutter Apparatus

Standards

BS 1377



# **Density Spoon.**

Code: 29-5000

Product Group: Field density tools For removing soil from the hole



## **Soft Headed Mallet.**

Code: 29-5020

Product Group: Field density tools



# **Density Chisel.**

Code: 29-5060

Product Group: Field density tools

With hardened tip



## **Metal Dibber Tool**

Code: 29-5080

Product Group: Field density tools

For excavating hole



# **Density Hand Pick.**

Code: 29-5120

Product Group: Field density tools For excavating in difficult ground



## **Steel Pointed Rod.**

Code: 29-5140

Product Group: Field density tools

With wooden handle



## Standard Sand - 600/300 µm

Code: 82-7401

Product Group: Sand Cone 6", Chemicals, Test and

Reference Materials

Fraction C. No hazard. 20 kg.

#### **Further Information**

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

#### **Accessories**



Density Plate for EL29-4300.

Code: 29-4340

#### **Alternatives**



Density Plate for EL29-4300.

Code: 29-4340



# **ADR Touch 1500 Compression Machine with Digital Readout.**

Code: 36-0720/01

Product Group: General Purpose Compression Machines

- 1560 kN/350 000 lbf capacity
- Calibration accuracy to BS EN ISO 7500-1; ASTM F4:
- Efficient hydraulic power packs
- · Economic machines ideal for site use

The Compact 1500 range of compression machines has been designed to meet the need for a simple, economic and reliable means of testing concrete.

#### SPECIMEN CAPACITY

The dimensions of the frame allow the testing of cylinders up to 320 mm long x 160 mm diameter, and cubes 150 or 100 mm square. Kerbs and flagstones may also be tested on the ADR machine as well as 150 mm and 100 mm square section beams to ASTM C78, using the optional 100 kN flexural frames which are connected to the power pack.

#### LOAD INDICATION

The ADR digital readout is a microprocessor controlled instrument, which is fitted as standard to all digital machines in the range. Load can be displayed in kN, lbf or kgf as selected by the operator.

#### **Standards**

BS EN ISO 7500-1, ASTM E4

#### **Further Information**

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

The Standard range of compression machines has been designed to meet the need for a simple, economic and reliable means of testing concrete.

Whilst delivering all the features and reputation of the established ADR Series with its extensive design history, the new and improved user interface provides a high quality platform for testing that enhances the performance of ELE's compression machines.

New, sophisticated electronics further the benefits of simplified operation, whilst delivering the highest levels of accuracy in testing concrete and cement/mortar samples, satisfying the needs of Quality Control Managers, Lab Managers and Technicians.

#### **ACCURACY & SAVINGS**

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The new ADR Touch Series, with 145mm (5.7") high resolution QVGA touch screen interface and intuitive menu-driven operation, reduces the time taken to set up the machine and perform tests, reducing the time to train staff by up to 25%.

• Up to 6 sample types can be set as favorites, enabling one-touch set up for repeat testing.

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• Full, QWERTY touch pad for input of test data.

Most testing errors produce lower strength results. Noncompliant loading rates can generate errors in measured strength. The user interface includes real-time display of load vs. time, further ensuring accurate and consistent test results and providing "goodness of test" data to improve traceability in your QC operations.

#### TRACEABILITY & DATA QUALITY

The ADR range now provides improved data quality and traceability in due diligence cases - it is now possible to demonstrate traceability all the way from the machine/user to the accreditation body, increasing your reputation and peace of mind - all test results now come complete with the machine serial number attached.

- Enhanced USB data communications between PC and machine eliminating the need for download software.
- Two gigabytes of storage memory.
- Full customization of sample sizes stress calculations are automatically recalculated.

#### **USER SAFETY**

With full safety gates as standard, total systems diagnostics, ram run-out switches and overload warnings ensure the safety of your employees and the reliability of your machine.

#### **Specification**

Testing Standards BS EN ISO 7500-1, ASTM E4

Capacity 1500 kN
Cubes (Concrete) Up to 150 mm
Cylinders (Concrete) Up to 160 x 320 mm

Blocks n/a

Flexural Testing Via Flexural Frame

TFV and ACV Yes

Voltage Supply 220-240V 50/60 Hz 1Ph.

Frame Type Welded
Max vert. Clearance 340 mm
Max hor. Clearance 325 mm

Platen Sizes Lower, Upper 222 mm

Max Ram Travel 50 mm

#### **Accessories**



**100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR Compression Machines.** 

Code: 37-6138

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# 2000 kN Capacity Calibration Load Cell with Hand-Held Readout

Code: 37-8315



# **ADR Touch Head for Compression machines**

Code: 37-4950/09



# Impact Printer Rs232 Serial Connection. Supplied Complete with 1 Paper Roll.

Code: 37-4859/01



## **Standard Distance Piece - 100 mm Depth**

Code: 37-5100



#### **Standard Distance Piece - 20 mm Depth**

Code: 37-4980



## **Standard Distance Piece - 50 mm Depth**

Code: 37-5000

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## Standard Distance Piece - 60 mm Depth

Code: 37-5020



## **Standard Distance Piece - 80 mm Depth**

Code: 37-5050

# Spares/Consumables



Pressure transducer, 0-700bar, 0.05 to 10v DC Output

Code: 6014A0062

#### **Alternatives**



**ADR Touch 2000 Standard Compression Machine with Digital Readout.** 

Code: 36-3090/01

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# **Standard Distance Piece - 50 mm Depth**

Code: 37-5000

Product Group: Distance Pieces

## **Further Information**

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



# **150mm Cube Mould 4-Part Clamp Type.** Cast Iron Construction. BS EN Compliant.

Code: 34-4570

Product Group: Cube Moulds, Cube Moulds

4-part with clamp attached base plate.

#### Standards

BS 1881-108, EN 12390-1, EN 12390-2

## **Specification**

Construction Bolted sides and clamped base

plate

Finish Painted

Weight 42 lb (19.1 kg)

#### **Accessories**



## **Aluminium Scoop Large**

Code: 81-0220



## **Compacting Bar 25mm Sq X 380mm**

Code: 34-2910



Float - Plasterer's type

Code: 81-0340

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# **Mould Oil (25 Litre Drum)**

Code: 82-7341



#### **Wire Brush**

Code: 81-0705

# Spares/Consumables



#### **Soft Headed Mallet.**

Code: 29-5020

#### **Alternatives**



Vibrating Table 600 X 400mm Table Top. 220-240V 50Hz 1Ph. Supplied with clamping assembly

Code: 34-6250/01



150mm Aggregate Crushing Value Apparatus. Supplied Complete with Metal Measure and Tamping Rod.

Code: 42-4300

Product Group: Aggregate Crushing Value (ACV) and Ten Percent Fines Value (TFV)

Comprising of 150 mm nominal diameter steel cylinder, plunger and base plate supplied complete with metal measure and tamping rod.

Standards BS 812-112

#### **Further Information**

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

#### **Accessories**



Tamping Rod 16mm Dia X 600mm long hemispherical at both ends.

Code: 34-0130

#### **Alternatives**



75mm Aggregate Crushing Value Apparatus. Supplied Complete with Metal Measure and Tamping Rod.

Code: 42-4500

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## Flakiness Gauge.

Code: 42-0410

Product Group: Flakiness Sieves and Gauges

Constructed of heavy gauge sheet steel to the dimensions specified in BS 812.

#### **Standards**

BS 812

#### **Further Information**

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

#### **Alternatives**



**Length Gauge** 

Code: 42-0820

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# **Trowel - Gardeners type**

Code: 81-0310

Product Group: Trowels and Floats

## **Further Information**

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