



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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24-9070

**ASTM/Modified Proctor Compaction Rammer 4.5Kg.**

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24-9060

**Proctor Mould**

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78-0135/01

**425 Litre Drying Oven**

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78-5457/01

**Electronic Balance - 8 000 g x 0.1 g**

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23-3505

**Mortar and Pestle Porcelain.**

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29-4100

**150mm Sand Pouring Cylinder.**

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82-0380

**Measuring Cylinder - Glass 100 ml**

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42-4000

**Aggregate Impact Value Apparatus Complete with 16mm Dia X 600mm Long Rod**

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34-0192

**Slump Test Set BS & ASTM. C/W Slump Cone Base Plate Steel Rule Tamping Rod & Funnel.**

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34-5210

**100mm Dia Cylinder Mould 200mm Long.**

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36-3090/01

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

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37-4980

**Standard Distance Piece - 20 mm Depth**

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34-4570

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

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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](#)



## Proctor Mould

Code: 24-9060

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

## Standards

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

## Specification

Dimensions	101.6 mm dia x 116.4 mm high
Rammer Mould Volume	1/30 ft <sup>3</sup>
Construction	All steel, threaded studs with wing nuts, plated.
Weight	5.4 kg



## 425 Litre Drying Oven

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

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

This oven is designed for drying large quantities of soils and aggregate samples and maintains the temperature in accordance with BS EN and ASTM requirements.

The oven is constructed of mild steel with a powder coated exterior and an aluminium coated steel chamber which is both durable and corrosion resistant.

The control system comprises of a microprocessor digital controller with overheat safety system. They also include main switch with indicator and heat and overheat indicators.

The temperature range is 40-180°C.

## Standards

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

## Specification

Capacity	425 litres
External Dimensions (h x w x d)	970 x 1410 x 810 mm
Internal Dimensions (h x w x d)	760 x 920 x 640 mm
Fluctuation	± 0.75°C
Rated power heater elements	2000 W
Shelves supplied	4
Shelf positions	5
Weight	120 kg

## Alternatives



## 100 Litre Drying Oven

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



## 150 Litre Drying Oven

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

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## 225 Litre Drying Oven

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

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## 50 Litre Drying Oven

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



## Electronic Balance - 8 000 g x 0.1 g

Code: [78-5457/01](#)

Product Group: [Electronic Balances](#)

## Further Information

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

## Specification

Capacity resolution	8000 g x 0.1 g
Pan size	225 x 275 mm
Mains and battery	Yes
Dimensions (w x d x h)	315 x 355 x 110 mm
Weight	4 kg
Weighing units	g, kg, lb, lb:oz, oz
Repeatability	0.1 g





## Mortar and Pestle Porcelain.

Code: [23-3505](#)

Product Group: [Sample Reduction](#)

Thick walled porcelain mortar; 107mm internal diameter and porcelain pestle.

## Alternatives



## Heat of Hydration Apparatus

Code: [38-4600/01](#)



## Heat of Hydration Apparatus

Code: [38-4600/06](#)



## Rubber Headed Pestle.

Code: [23-3500](#)





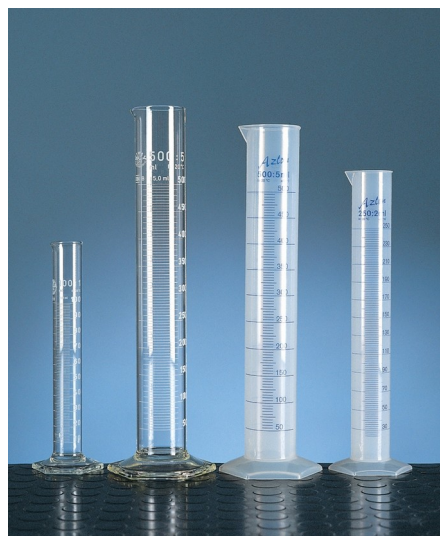
## 150mm Sand Pouring Cylinder.

Code: [29-4100](#)

Product Group: [Sand Replacement](#)

### Standards

BS 1377, BS 1924



## Measuring Cylinder - Glass 100 ml

Code: [82-0380](#)

Product Group: [Measuring Cylinders, BS, Volumetric Shrinkage](#)

Soda glass, spouted, BS EN 4788.

## Further Information

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



## Aggregate Impact Value Apparatus Complete with 16mm Dia X 600mm Long Rod

Code: [42-4000](#)

Product Group: [Aggregate Impact Value \(AIV\)](#)

Heavy duty construction, heavily plated assembly ensures corrosion resistance.

### Standards

BS 812-112

### Further Information

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



## Slump Test Set BS & ASTM. C/W Slump Cone Base Plate Steel Rule Tamping Rod & Funnel.

Code: [34-0192](#)

Product Group: [Slump Test](#)

BS and ASTM comprising of slump cone, base plate, steel rule, tamping rod and funnel.

## Further Information

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

## Accessories



### Sample Tray - 1200 x 1160 x 50 mm

Code: [81-4230](#)



### Shovel - With flat blade

Code: [81-0240](#)

## Spares/Consumables



### Stopwatch

Code: [81-0521](#)



## 100mm Dia Cylinder Mould 200mm Long.

Code: [34-5210](#)

Product Group: [Cylinder Moulds](#)

100 mm diameter x 200 mm long, complete with base plate.

## Standards

EN 12390-1, EN 12390-2

## Further Information

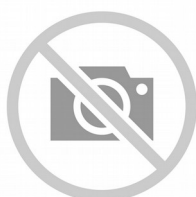
\*\*NOT AVAILABLE FOR SALE IN THE USA\*\*

## Accessories



## Aluminium Scoop Large

Code: [81-0220](#)



## Compacting Bar 25mm Sq X 380mm

Code: [34-2910](#)



## Float - Plasterer's type

Code: [81-0340](#)



## Mould Oil (25 Litre Drum)

Code: [82-7341](#)



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

Code: [34-0130](#)



## 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





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

Code: [36-3090/01](#)

Product Group: [General Purpose Compression Machines](#)

- 2000 kN/450 000 lbf capacity
- Tests 150 and 100 mm concrete cubes or cylinders up to 320 x 160 mm diameter
- Supplied with Windows(R) download software as standard.

Incorporating the ADR Touch digital readout, the machines are designed to test cubes and cylinders in accordance with most International Standards. Supplied fitted for cylinder testing with safety gates. When used for cube testing appropriate distance pieces according to the size of specimen to be tested are required and must be ordered separately.

## 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

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.
- 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	2000 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](#)



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

Code: [37-8315](#)



## ADR Touch Head for Compression machines

Code: [37-4950/09](#)



## Flexible Hose

Code: [5038B0027](#)



## 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](#)



## 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 1500 Compression Machine with Digital Readout.

Code: [36-0720/01](#)



## Standard Distance Piece - 20 mm Depth

Code: [37-4980](#)

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](#)



## 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](#)