



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

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82-0380

**Measuring Cylinder - Glass 100 ml**

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**Air Entrainment Meter B Type Complete with Carrying Case. Supplied with Aluminium Tamping Bar.**

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

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

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34-6575/01

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

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34-6755/01

**Small Curing/Soaking Tank with Heater for use on 220-240V 50Hz 1Ph.**

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## Concrete Mixer 56/40 Litre Capacity.

Code: [34-3540/01](#)

Product Group: [ELE Concrete Mixer](#)

- Portable and compact
- Tipping mechanism
- Adjustable blades
- Simple to clean and maintain

It is essential that the mixing of fresh concrete for laboratory test samples is thorough and consistent. The ELE Concrete Mixer is ideally suited for this purpose.

The mixer has been developed to give efficient mixing of both wet and dry materials. The mixing pan is removable and tilts for easy access to the pan and emptying on completion of the mixing operation. It is rotated by a turntable driven by a 1500 W, IP55 protected electric motor.

The mixer head lifts clear to provide maximum access to the pan and holds the mixing blades at a constant depth during the mixing operation. The blades are readily adjusted to suit the different types and volume of materials to be mixed.

## Further Information

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

220 - 240 V AC, 50 Hz, 1 ph.

Dimensions: 950 x 1050 x 1250 (mm)

Weight (Approx.) 255 kg

Power: 1500 W

## Alternatives



## ELE Concrete Mixer 56/40 Litre Capacity.

Code: [34-3540/06](#)



## ADR Touch Control PRO 3000 Auto BS EN Compression Machine

Code: [36-5165/01](#)

Product Group: [BS EN Compression Machines](#)

The ADR Touch Control PRO 3000 Auto BS EN is supplied complete with self-centring lower platen and safety gates fitted with interlock switches ready for testing 300 x 150 mm diameter cylinders. When used for cube testing Distance pieces (EN) of the appropriate size must be ordered separately.

## Standards

EN 12350-6, NF P18-411, EN 12390-4, EN 12390-3, EN 772-1, BS EN ISO 7500-1, ASTM E4

## Further Information

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

The ADR Touch Control PRO will deliver all the features and quality of the established ADR-Auto range, with its 20 year history, but with a new sleek design and additional capabilities. The console assembly consists of an ADR Touch Control PRO and power base which can be used with all existing concrete and cement frames

### User interface

The new ADR Touch Control PRO has an improved user interface providing a high quality platform for testing that will enhance the performance of our compression machines. It now has a larger 7-inch colour touch screen with a higher definition display, allowing easier observation of test progress. A favourites option is also available, allowing users to save the most common set-ups for immediate access, without the need for navigating through selection menus.

### USER FLEXIBILITY

The ADR Touch Control PRO has a unique flexible head with rotation capabilities of 75-degrees and a 45-degree tilt, improving usability and comfort for individual users. It is available with four languages English, Spanish, Portuguese and French, making it even more user-friendly and accessible to a wider audience. The new LAN connectivity feature lets the operator use the PC based APP (ELE Logger) to download test results away from the test area. User flexibility has also increased with the new ADR Touch Control Pro as it can now be operated remotely, so tests can be initiated away from the test area. Many issues can be resolved quickly by our service team through the new remote diagnostics feature and updating to the latest version of software has never been easier.

### Compatibility

The all new dual sensor capabilities allow users to test both concrete and cement samples on one frame. The ADR Touch Control PRO is compatible with all existing compression frames and upgrade kits are also available. The upgrade kits can be used to convert existing ADR-Auto consoles to the new Automatic Digital Control Readout.

### Testing times

The new generation ADR Compression Machines have an increased control over the pace rate, which allows users to run the pace rate higher than average, but still within standard. This produces an average time saving of 10% for a typical 150mm cube sample.

## ELECTRICAL

Reduced component count and no wire design results in increased reliability and serviceability. New low voltage interlocks and e-stop has increased safety. The ADR Touch Control PRO has the latest Arm Core Processor technology which has improved the processing power and speed.

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## Specification

|                      |                                     |
|----------------------|-------------------------------------|
| Capacity             | 3000 kN                             |
| Cubes (Concrete)     | Up to 200 mm                        |
| Cylinders (Concrete) | Up to 160 x 320 mm                  |
| Blocks               | Via Optional Platen Handling System |
| TFV and ACV          | Yes                                 |
| Voltage Supply       | 220-240 V 50 Hz 1 Ph                |
| Frame Type           | Welded                              |
| Max vert. Clearance  | 375 mm                              |
| Max hor. Clearance   | 320 mm                              |
| Platen Sizes         | Lower 220mm sq,<br>Upper 300mm dia  |
| Max Ram Travel       | 50 mm                               |

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## Accessories



### 100 kN Flexural Fitting Kit ADR Auto for 220 - 240 V AC, 50 Hz, 1 ph

Code: [37-6135/01](#)

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### 100 kN Flexural Fitting Kit ADR Auto for 220 - 240 V AC, 60 Hz, 1 ph

Code: [37-6135/06](#)

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## 3000 kN Load Calibration Device Complete with Hand Held Readout Unit ISO376

Code: [37-8400](#)



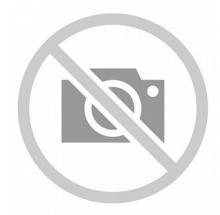
## 300mm Lower Brick Platen

Code: [37-4842](#)



## BS Block Platens & Platen Handling Assembly for 2000kN & 3000kN BS Frames.

Code: [37-4830](#)



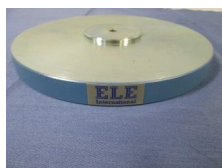
## BS/EN Standard Rectangular Platen

Code: [37-4860](#)



## EN 12390-3/4 Distance Piece - 100 mm Depth

Code: [37-5180](#)



## EN 12390-3/4 Distance Piece - 20 mm Depth

Code: [37-5110](#)

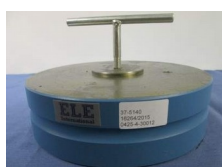
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## EN 12390-3/4 Distance Piece - 50 mm Depth

Code: [37-5120](#)

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## EN 12390-3/4 Distance Piece - 60 mm Depth

Code: [37-5140](#)

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## Flexible Hose

Code: [5038B0027](#)

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

Code: [37-4859/01](#)

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## Spares/Consumables



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

Code: [6014A0062](#)

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## Alternatives



## ADR Touch Control PRO 2000 Auto BS EN Compression Machine

Code: [36-5150/01](#)

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## ADR Touch Control PRO 2000 Auto BS EN Compression Machine

Code: [36-5150/06](#)

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## ADR Touch Control PRO 3000 Auto BS EN Compression Machine

Code: [36-5165/06](#)



## Electronic Balance - 3600g x 0.01g

Code: [78-5447/01](#)

Product Group: [Electronic Balances](#)

## Further Information

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

## Specification

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| Capacity resolution    | 3600 g x 0.01 g                                              |
| Pan size               | 160 x 160 mm                                                 |
| Mains and battery      | No                                                           |
| Dimensions (l x w x h) | 260 x 170 x 90 mm                                            |
| Weight                 | 6 kg                                                         |
| Weighing units         | g, kg, ct, GN, N, lb, oz, lb:oz,<br>ozt, dwt, T, custom unit |
| Readability            | 0.1 g                                                        |



## 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 - 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                |



## Beaker - 100 ml

Code: [82-0120](#)

Product Group: [Beakers and Covers](#)

Borosilicate glass, squat form.

## Further Information

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



## Beaker - 250 ml

Code: [82-0140](#)

Product Group: [Beakers and Covers](#)

Borosilicate glass, squat form.

## Further Information

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



## Beaker - 600 ml

Code: [82-0200](#)

Product Group: [Beakers and Covers](#)

Borosilicate glass, squat form.

## Further Information

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



## Beaker - 1000 ml

Code: [82-0220](#)

Product Group: [Beakers and Covers](#)

Borosilicate glass, squat form.

## Further Information

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



## Measuring Cylinder - Glass 250 ml

Code: [82-0420](#)

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

Soda glass, spouted, BS EN 4788.

## Further Information

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



## Measuring Cylinder - Glass 500 ml

Code: [82-0460](#)

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

Soda glass, spouted, BS EN 4788.

## Further Information

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



## Measuring Cylinder - Glass 1000 ml

Code: [82-0500](#)

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

Soda glass, spouted, BS EN 4788.

## Further Information

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



## Measuring Cylinder - Plastic 100 ml

Code: [82-1840](#)

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

Plastic with spout, graduated to BS 5404.

## Further Information

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



## Measuring Cylinder - Plastic 250 ml

Code: [82-1860](#)

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

Plastic with spout, graduated to BS 5404.

## Further Information

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



## Measuring Cylinder - Plastic 500 ml

Code: [82-1880](#)

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

Plastic with spout, graduated to BS 5404.

## Further Information

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



## Measuring Cylinder - Plastic 1000 ml

Code: [82-1900](#)

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

Plastic with spout, graduated to BS 5404.

## Further Information

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



## 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\*\***



## Air Entrainment Meter B Type Complete with Carrying Case. Supplied with Aluminium Tamping Bar.

Code: 34-3265

Product Group: Precision Air Entrainment Meter, Precision Air Entrainment Meter

- 7 litre capacity
- Shock-proof pressure gauge mounting
- Lightweight aluminum construction
- Heavy-duty plastic carrying case for easy transport to site

The proper control of entrained air in concrete is recognized as one of the most important functions in modern concrete manufacture. For the concrete engineer, the ELE Precision Air Entrainment Meter offers an instrument for the testing and designing of concrete mixes.

The instrument is designed so that the operating parts form an integral unit. The container is rigid, thus providing an accurate device for the performance of unit weight testing. For convenience, the tare weight in grams is stamped on the bottom. When used with the supplied nomograph, the air meter provides quick and easy particle density and percent of free moisture in aggregate determinations.

Complies with BS 1881-106 EN 12350-7 ASTM C231

## Standards

ASTM C231, AASHTO T152

## Specification

|                  |                                                                                |
|------------------|--------------------------------------------------------------------------------|
| Capacity         | 7 Litres                                                                       |
| Readings         | Up to 22% entrained air                                                        |
| Accuracy         | 1/4% full scale                                                                |
| Aggregate Size   | 2" (50.8 mm) maximum                                                           |
| Container        | With tare weight stamped on bottom; 2-piece clamping device for positive seal. |
| Water            | 4 oz required                                                                  |
| Initial Pressure | Approx. 10 strokes needed                                                      |
| Pressure Gauge   | In shock-proof mounting                                                        |
| Tamping Rod      | Aluminium; 24" (610 mm) long                                                   |
| Dimensions       | 9-3/4" diam. X 13-1/4" h. (248 x 337 mm)                                       |
| Weight           | Net 15 lbs (8 kg)                                                              |

## Accessories



### Aluminium Scoop Large

Code: [81-0220](#)



### Compacting Bar 25mm Sq X 380mm

Code: [34-2910](#)



### Float - Plasterer's type

Code: [81-0340](#)



### Graduated Tamping Rod

Code: [34-0132](#)



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

Code: [81-4230](#)



## Shovel - With flat blade

Code: [81-0240](#)



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

Code: [34-0130](#)

## Spares/Consumables



## Concrete Air Indicator

Code: [34-3280/10](#)



## Gauge Kit

Code: [34-3265/12](#)



## Pump Assembly

Code: [34-3265/10](#)



## Soft Headed Mallet.

Code: [29-5020](#)



## Stopwatch

Code: [81-0521](#)

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## Alternatives



## Concrete Air Indicator Kit

Code: [34-3280](#)



## Press-Ur-Meter Type A

Code: [34-3267](#)



## Volumetair

Code: [34-3272](#)



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

Code: 34-6250/01

Product Group: Vibrating Table

Vibrating table mounted on a steel stand, supplied  
with clamp assembly.

## Standards

EN 12390-2, EN 12350-6, EN 12350-7

## Further Information

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

3000 cycles per minute. For 220 - 240 V AC, 50 Hz, 1 ph.

## Specification

|                         |                         |
|-------------------------|-------------------------|
| Dimensions (table top)  | 600 x 400 mm            |
| Maximum no. Cube moulds | 2 x 150 mm <sup>2</sup> |
| Clamp Assembly          | Single                  |
| Weight                  | 60 kg                   |

## Accessories



## Compacting Bar 25mm Sq X 380mm

Code: 34-2910



## Wire Brush

Code: 81-0705

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## Alternatives



## 100 X 100 X 500mm Beam Mould.

Code: 34-5003



## 100mm Cube Mould 2-Part Clamp Type. Cast Iron Construction. BS EN Compliant.

Code: 34-4650



## 100mm Cube Mould 4-Part Clamp Type. Cast Iron Construction. BS EN Compliant.

Code: 34-4520



## 100mm Dia Cylinder Mould 200mm Long.

Code: 34-5210



## 150 X 150 X 750mm Beam Mould.

Code: 34-5053



## 150mm Cube Mould 2-Part Clamp Type. Cast Iron Construction. BS EN Compliant.

Code: 34-4670



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

Code: 34-4570



## 150mm Dia Cylinder Mould 150mm Long.

Code: 34-5230



## 150mm Dia Cylinder Mould 300mm Long.

Code: 34-5260



**200mm Cube Mould Clamp Type. Cast Iron Construction.  
Stamped Mould Sections. EN Compliant.**

Code: [34-4620](#)



## 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](#)



## 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](#)



## Small Curing/Soaking Tank with Heater for use on 220-240V 50Hz 1Ph.

Code: [34-6755/01](#)

Product Group: [N/A](#)

Cube Curing Tank shall accept 16 x 150mm or 105 x 70.7mm.

34-6755/01 comes complete with a stand, internal tray, immersion heater designed to maintain the temperature at 20°C +/- 2 °C and a thermostat.

To operate on 220-240V, 50Hz, 1Ph.