



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

This wishlist was generated on 11/02/2020, and contains the following Products:

34-6031

Cylinder Capping Frame Complete with 100mm and 150mm Dia Capping Plates.

34-6100

Flake Capping Compound to ASTM C617 22Kg

34-6134

6" Retaining Caps

34-6134/10

6" Compression Pads 60 Durometer

34-8105

Cradle

36-5165/01

ADR Touch Control PRO 3000 Auto BS EN Compression Machine

37-5110

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

37-5120

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

37-5140

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

37-5170

EN 12390-3/4 Distance Piece - 80 mm Depth

37-5180

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

42-1003

Density Basket

47-6175

Compact Core Drill

506-150

Hand-Held Thermo Hygrometer

78-5485/01

Electronic Balance - 22000 g x 0.1 g

79-5530

8in Dia ASTM Sieve 12.5mm Stainless Steel Mesh.

79-5560

8in Dia ASTM Sieve 19.0mm Stainless Steel Mesh.

79-5580

8in Dia ASTM Sieve 25.0mm Stainless Steel Mesh.

79-5610

8in Dia ASTM Sieve 37.5mm Stainless Steel Mesh.

79-5630

8in Dia ASTM Sieve 50.0mm Stainless Steel Mesh.

79-5660

8in Dia ASTM Sieve 75.0mm Stainless Steel Mesh.

79-6340

12in Dia ASTM Sieve 53.0mm Stainless Steel Mesh.

81-0590

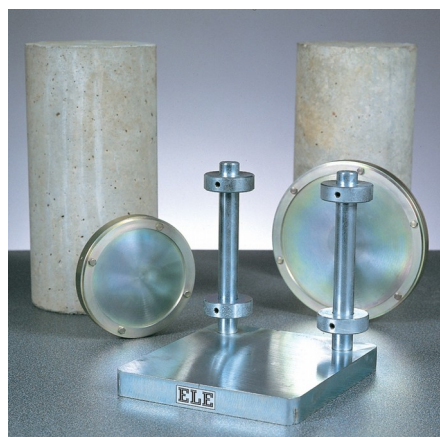
Vernier Caliper (LCD) Range 0 to 200mm X 0.01mm

82-5440/10

Thermocouple Wire

82-5442

Digital Thermometer



Cylinder Capping Frame Complete with 100mm and 150mm Dia Capping Plates.

Code: [34-6031](#)

Product Group: [Sulphur Compound Method](#)

Comprising of a vertical support, mounted on a steel base designed to accommodate both sizes of capping plates. Supplied complete with 100 mm and 150 mm capping plates.

Further Information

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



Flake Capping Compound to ASTM C617 22Kg

Code: 34-6100

Product Group: Sulphur Compound Method, Flake
Capping Compound

Supplied in 22 kg box.

Standards

ASTM C617, AASHTO T231

Specification

Density	13 7 lbs./cu. ft. (2,186 kg/cu. m.).
Tensile Strength	605 psi (4.2 x 105 kg/sq m.) after 48 hrs.
Compressive Strength	5,000 psi (3.6 x 106 kg/sq m.) minimum, after 2 hrs.
Melting Range	23 0°-24 0°F (11 0°-115 °C).
Optimum Pouring Range	260°-290°F (12 6°-143 °C).
Weight	Net 50 lbs. (22 .7 kg); Shpg. 52 lbs. (23 .6 kg).



6" Retaining Caps

Code: 34-6134

Product Group: Concrete Capping Pads and Retainers

Set of 2.

Standards

ASTM C1231, AASHTO T22

Further Information

Capping Pads with Retainers can only be used on compression testers with a vertical daylight opening of 14-1/2" (368 mm) between platens

Specification

Capping Pads.

Tough elastometric material; 60 durometer pads may be used on any strength concrete; however, the longevity is lowered when used on cylinders in excess of 5,500 psi. 70 durometer pads should be used only on cylinders where concrete is 4,500 psi or higher.

Retainers.

Machined, high alloy steel

Weights.

Pads: Net 8 oz. (227 g) ea.

Retainers:

4" (102 mm) Net 4 lbs. (1.8 kg) ea.

6" (152 mm) Net 8 lbs. (3.6 kg) ea.



6" Compression Pads 60 Durometer

Code: [34-6134/10](#)

Product Group: [Concrete Capping Pads and Retainers](#)

Set of 2.

Standards

ASTM C1231, AASHTO T22

Further Information

Capping Pads with Retainers can only be used on compression testers with a vertical daylight opening of 14-1/2" (368 mm) between platens

Specification

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Machined, high alloy steel

Weights.

Pads: Net 8 oz. (227 g) ea.

Retainers:

4" (102 mm) Net 4 lbs. (1.8 kg) ea.

6" (152 mm) Net 8 lbs. (3.6 kg) ea.



Cradle

Code: 34-8105

Product Group: ELE Bouyancy Balance, Hardened Concrete - Buoyancy Balance, Percentage Refusal Density (PRD)

Standards

EN 12697-32, EN 13280-4, BS 598-104, EN 1097-6



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.

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	340 (360 mm without 20mm Ram Spacer)
Max hor. Clearance	310 mm
Platen Sizes	Lower 220mm sq, Upper 300mm dia
Max Ram Travel	50 mm



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

Code: [37-5110](#)

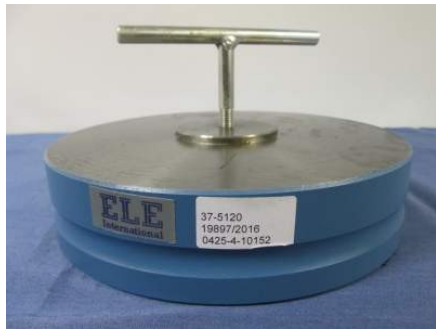
Product Group: [Distance Pieces](#)

Standards

EN 12390-3, BS 1881-115

Further Information

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



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

Code: [37-5120](#)

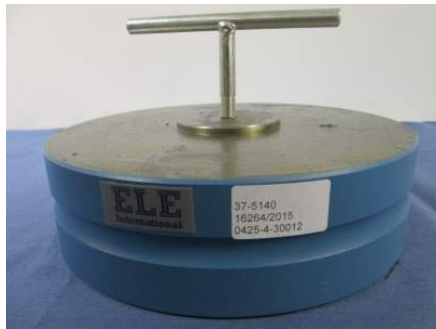
Product Group: [Distance Pieces](#)

Standards

EN 12390-3, BS 1881-115

Further Information

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



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

Code: [37-5140](#)

Product Group: [Distance Pieces](#)

Standards

EN 12390-3, BS 1881-115

Further Information

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



EN 12390-3/4 Distance Piece - 80 mm Depth

Code: [37-5170](#)

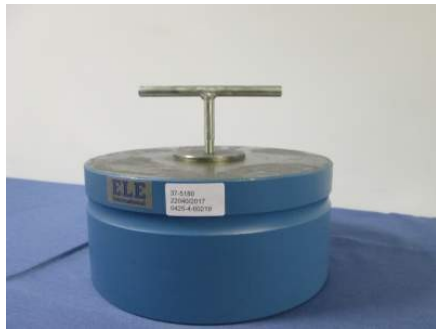
Product Group: [Distance Pieces](#)

Standards

EN 12390-3, BS 1881-115

Further Information

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



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

Code: [37-5180](#)

Product Group: [Distance Pieces](#)

Standards

BS 1881-115, EN 12390-3

Further Information

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



Density Basket

Code: [42-1003](#)

Product Group: [ELE Buoyancy Balance, Density Basket](#)

ASTM C-127; AASHTO T-85. 8"
diam. x 8" high, stainless steel mesh. ASTM C-127;
AASHTO T-85. 8"
diam. x 8" high, stainless steel mesh.

Standards

ASTM C127, AASHTO T85

Specification

Construction

Reinforced No. 8 wire mesh.

Handle

Bail-type.

Dimensions

8" diam. x 8" h. (203 x 203
mm).

Weight

Net 2 lbs. (0.91 kg).



Compact Core Drill

Code: 47-6175

Product Group: Compact Core Drill Machine

EN 12697-27

Machine is designed to cut cores up to 150 mm diameter from concrete, asphalt and similar hard construction materials. It comprises a vertical support column which carries the drill head/motor assembly. The motor assembly comprises a 6.5 Hp petrol engine, a ball screw mechanism enables close control of the drilling pressure and rapid return when drilling is completed. A water spraying assembly is mounted on the machine. The complete assembly is supplied on a rigid wheel mounted metal base frame with leveling and fixing facility during the operation.

Coring bits are available to order separately

Specification

Dimensions	500 x 900 x 1100 mm
Weight	95 kg
Power	6.5 Hp



Hand-Held Thermo Hygrometer

Code: 506-150

Product Group: Humidity measurement

Remote or integral % RH & temperature probe. Displays max/min humidity or temperature. Optional backlit display.

The therma-hygrometer is an easy to use, relative humidity and air temperature measuring instrument.

The units measure % RH over the range of 0 to 100 % RH with a resolution of 0.1 % RH and temperature over the range of -20°C to 70°C with a resolution of 0.1 °C

It incorporates a custom LCD, displaying % RH, °C/°F, dew point indication, max/min and hold. There is an automatic display of both open circuit and low battery. The 506-150 display's the temperature and humidity at the push of a button separately.

The 506-150 is powered by three AAA batteries with a minimum life expectancy of 10,000 hours. An auto power off facility turns the therma-hygrometer off automatically after ten minutes, maximising battery life.

This hand-held battery operated instrument is operated by a single keypad button. It is suitable for a wide variety of applications where fast and accurate measurements of relative humidity and temperature are required. The probe is connected to the display unit via a one metre flexi-cable which enables its measurements to be taken in areas where access is limited.

Specification

Specification	Temperature	Humidity
Range	-20 to 70 °C	0 to 100 %rh
Resolution	0.1 °C/°F	0.1 %rh
Accuracy	±1 °C ±1 digit	± 2 % (10 to 90 %rh)
Hysteresis	n/a	± 1 %rh

Product Sheet

www.ele.com
+44 (0) 01525 249 200



Sensor type	Silicone bandgap	Capacitance polymer
Battery	3 x 1.5-volt AAA	
Battery life	Minimum 5 years (10000 hours)	
Display	12 mm LCD	
Dimensions	25 x 56 x 128 mm	
Weight	130/160 grams	



Electronic Balance - 22000 g x 0.1 g

Code: [78-5485/01](#)

Product Group: [Electronic Balances](#)

Further Information

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

Specification

Capacity resolution	22000 g x 0.1 g
Pan size	400 x 300 mm
Mains and battery	Yes
Dimensions (w x d x h)	450 x 515 x 195 mm
Weight	7.6 kg
Weighing units	g, kg, ct, GN, N, lb, oz, lb:oz.



8in Dia ASTM Sieve 12.5mm Stainless Steel Mesh.

Code: 79-5530

Product Group: 8in Dia ASTM Brass Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	1/2"
Sieve Opening Standard	12.5 mm
Sieve Opening Alternative (in.)	0.5



8in Dia ASTM Sieve 19.0mm Stainless Steel Mesh.

Code: 79-5560

Product Group: 8in Dia ASTM Brass Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	3/4"
Sieve Opening Standard	19.0 mm
Sieve Opening Alternative (in.)	0.75



8in Dia ASTM Sieve 25.0mm Stainless Steel Mesh.

Code: 79-5580

Product Group: 8in Dia ASTM Brass Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	1"
Sieve Opening Standard	25.0 mm
Sieve Opening Alternative (in.)	1



8in Dia ASTM Sieve 37.5mm Stainless Steel Mesh.

Code: 79-5610

Product Group: 8in Dia ASTM Brass Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/2" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	1-1/2"
Sieve Opening Standard	38.1 mm
Sieve Opening Alternative (in.)	1.5



8in Dia ASTM Sieve 50.0mm Stainless Steel Mesh.

Code: 79-5630

Product Group: 8in Dia ASTM Brass Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	2"
Sieve Opening Standard	50 mm
Sieve Opening Alternative (in.)	2



8in Dia ASTM Sieve 75.0mm Stainless Steel Mesh.

Code: 79-5660

Product Group: 8in Dia ASTM Brass Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 1 lb. (453 g).
Sieve Size or Number	3"
Sieve Opening Standard	75 mm
Sieve Opening Alternative (in.)	3



12in Dia ASTM Sieve 53.0mm Stainless Steel Mesh.

Code: 79-6340

Product Group: 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves

Standards

ASTM E11

Further Information

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



Vernier Caliper (LCD) Range 0 to 200mm X 0.01mm

Code: [81-0590](#)

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

Dual measuring range highly accurate vernier caliper
0 to 200mm x 0.01mm (8 inch x 0.001 inch).
Complete with liquid crystal display.

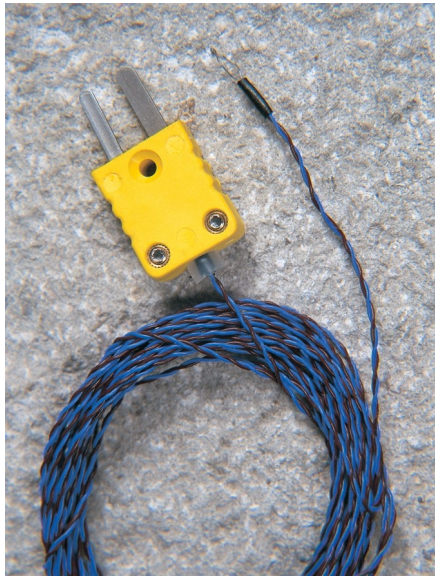
Complies to EN 933-4.

Standards

EN 933-4

Further Information

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



Thermocouple Wire

Code: [82-5440/10](#)

Product Group: [Hand-held Digital Thermometers](#)

Accessory. 3 metre length, suitable for 82-5440 Digital Thermometer.

The thermocouple is NiCr/NiAi PTFE covered with a naked exposed junction. Supplied with a coupling unit the maximum reading is 250°C with a tip diameter of 0.5 mm. (Pack of 5).

Further Information

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



Digital Thermometer

Code: [82-5442](#)

Product Group: [Hand-held Digital Thermometers](#)

Range -75 - 1200°C

Further Information

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

Specification

Range	-75 to +1200°C or -30 to +199.9°C or -75 to +1999°F
Resolution and accuracy	1°C (-75 to +1200°C), 0.2% ± 0.1°C, 0.1°C (-30 to +199.9°C) 0.2% ± 1.0°C, 1°F (-75 to +1999°F), 0.2% ± 2.0°F
Cold junction (automatic)	0 to 45°C
Weight	500 g