



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

This wishlist was generated on 25/08/2017, and contains the following Products:

78-0135/01

425 Litre Drying Oven

82-8020/01

Distilled Water Still

45-6490/01

Water Bath

79-5910

12in Dia ASTM Sieve 1.00mm Stainless Steel Mesh.

80-0200/01

ELE Sieve Shaker

88-1104/02

Ohaus Electronic Balance - 35,000 g Capacity

42-1003

Density Basket

42-1000/01

Buoyancy Balance 6Kg X 0.1G. Supplied with Support Frame Water Tank & Suspension Hook.

23-3352

Sample Splitter (Riffle Box) - 8 chutes, 2-1/2" (64 mm) chute width

23-3425

Large Capacity Sample Splitter.

78-0860

50kN Clamped Boss Load Ring

36-3090/01

ADR Touch 2000 Standard Compression Machine with Digital Readout.

37-6040

50 kN Mini-Flexural Machine

34-5210

100mm Dia Cylinder Mould 200mm Long.

34-5260

150mm Dia Cylinder Mould 300mm Long.

EL3020E

Slump Test Set

38-2695

Pocket Concrete Penetrometer

34-6250/01

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

34-6431/01

Vibrating Poker 22mm Dia Tip 250mm Long. 220-240V 50/60Hz 1Ph.

34-6575/01

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

34-3590/01

Tilting Drum Concrete Mixer 120/90L/ (4/3Cu.Ft) Complete with Stand

35-1500

Advanced SilverSchmidt Concrete Test Hammer

36-3280/01

ADR Touch 2000 BS EN Compression Machine with Digital Readout and Self Centring Platens.

38-1000

Blaine Air Permeability Apparatus

38-2012

Vicat Apparatus

38-6000

Flow Table

39-0035/01

Automatic/Manual 5 litre nominal capacity Mortar Mixer

38-1200

Le Chatelier Flask

38-3005

Le Chatelier Mould

42-0600

Set of Flakiness Sieves Comprising 1 Ea 4.9mm 7.2mm 10.2mm 14.4mm 19.7mm 26.3mm and 33.9mm

42-0410

Flakiness Gauge.

42-0820

Length Gauge

42-0314

Grid Sieve 10mm Slot Width for EN Aggregate Flakiness Test.

24-4917

Sand Equivalent Test Set

42-5305/02

Los Angeles Abrasion Machine

42-5300/10

Set of 12 Abrasive Charges (ASTM).

42-6000

Pendulum Skid Resistance Tester

42-1725

Sand Absorption Cone and Tamper

42-4500

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

42-4300

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

42-4000

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



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](#)



225 Litre Drying Oven

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



50 Litre Drying Oven

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



Distilled Water Still

Code: [82-8020/01](#)

Product Group: [Distilled Water Still](#)

Further Information

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

Specification

Dimensions (l x w x h)	590 x 530 x 940 mm
Boiling chamber	Glass
Condenser	Borosilicate glass
Output	3.5 litres/hr when permanently connected to water supply
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Rated power	2.75 kW
Weight	12 kg



Water Bath

Code: [45-6490/01](#)

Product Group: [N/A](#)

60 litre water bath with stainless steel tank and outer case suitable for marshall test specimens and fitted with a digital thermostat and electric circulation unit. Complete with bath cover and perforated specimen tray.

Inner dimensions: 700 x 550 x 165 mm.

Outer dimensions : 900 x 640 x 340 mm.

Standards

EN 12697-30

Further Information

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

Temperature range ambient to 95°C \pm 1°C. For 220 - 240 V AC, 50 - 60 Hz 1ph.

Accessories

Steel Block

Code: [45-6463](#)



Alternatives

Steel Block

Code: [45-6463](#)







12in Dia ASTM Sieve 1.00mm Stainless Steel Mesh.

Code: 79-5910

Product Group: U.S. Standard Testing Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 3-1/4" (82.5 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 4 lbs. (1.8 kg).
Sieve Size or Number	No. 18
Sieve Opening Standard	1.00 mm
Sieve Opening Alternative (in.)	0.0394



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 quiet 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 (l x w x h) 380 x 440 x 1085 mm. For 220 - 240 V AC, 50 Hz 1ph.



Ohaus Electronic Balance - 35,000 g Capacity

Code: [88-1104/02](#)

Product Group: [Ohaus Series Electronic Balances](#)

Further Information

100-240V, 50/60 Hz.

Specification

Maximum Capacity	35000 g
Readability	0.5 g
Internal Calibration	NO
Pan Size (in/cm)	11.0 x 14.9 in / 28.0 x 37.7 cm
Dimensions w x h x d (in/cm)	14.9 x 18.4 x 5.0 in / 37 x 46.7 x 12.8 cm
Shipping Wt. (lb/kg)	24 lb / 10.6 kg

Alternatives



High Capacity Electronic Balance

Code: [88-1094/02](#)



Ohaus Electronic Balance - 2,100 g Capacity

Code: [88-1220/02A](#)



Ohaus Electronic Balance - 2,100 g Capacity

Code: [88-1044/02](#)



Ohaus Electronic Balance - 210 g Capacity

Code: [88-1200/02A](#)



Ohaus Electronic Balance - 24,000 g Capacity

Code: [88-1098/02](#)



Ohaus Electronic Balance - 3,100 g Capacity

Code: [88-1054/02](#)



Ohaus Electronic Balance - 310 g Capacity

Code: [88-1024/02](#)



Ohaus Electronic Balance - 6,000 g Capacity

Code: [88-1074/02](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1230/02A](#)



Ohaus Electronic Balance - 8,100 g Capacity

Code: [88-1084/02](#)



Ohaus Electronic Balance - 810 g Capacity

Code: [88-1034/02](#)



Ohaus Electronic Balance - 810 g Capacity

Code: [88-1210/02A](#)



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).



Buoyancy Balance 6Kg X 0.1G. Supplied with Support Frame Water Tank & Suspension Hook.

Code: [42-1000/01](#)

Product Group: [Particle Density \(specific gravity\) and Water Absorption for Coarse Aggregates](#)

The buoyancy balance system developed by ELE consists of a rigid support frame, incorporating a water tank mounted on a platform. A mechanical lifting device is used to raise the water tank through the frame height immersing the specimen suspended below the balance. The balance supplied may also be used as a standard weighing device, thus providing a versatile and comprehensive weighing system in the laboratory. 6000 g x 0.1 g supplied with frame, water tank and suspension hook.

Standards

EN 1097-6, EN 12697-6, BS 812, ASTM C127, AASHTO T85

Further Information

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

For 220 - 240 V AC, 50 - 60 Hz, 1 ph.

Accessories



200 mm Diameter Lid

Code: [79-0010](#)



200 mm Diameter Receiver

Code: [79-0020](#)



200mm Dia BS Sieve 31.5mm Perforated Plate.

Code: [79-1630](#)



200mm Dia BS Sieve 4.00mm Stainless Steel Mesh.

Code: [79-0310](#)



200mm Dia BS Sieve 63 Mic Stainless Steel Mesh.

Code: [79-0070](#)



200mm Dia BS Sieve 63.0mm Perforated Plate.

Code: [79-1670](#)



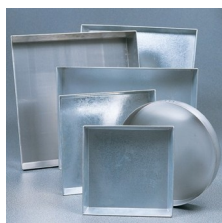
Digital Pocket Thermometer

Code: [82-5420](#)



Sample Container - Tinned Steel 10 litres

Code: [81-3060](#)



Sample Tray - 406 x 406 x 50 mm

Code: [81-4030](#)



Wire Basket Brass with Handle Nominal 6000Cm³ Capacity with 1.7mm Wire Mesh.

Code: [42-1005](#)



Sample Splitter (Riffle Box) - 8 chutes, 2-1/2" (64 mm) chute width

Code: [23-3352](#)

Product Group: [Sample Splitters \(Riffles\)](#)

Standards

ASTM C136, ASTM C702, ASTM D271, ASTM D492, AASHTO T27, AASHTO T87, AASHTO T248

Specification

Chutes	Stainless steel.
Hopper	Stainless steel.
Frame	Painted steel.
Hopper Dimensions	9-5/8" x 23 -1/2" (244 x 597 mm).
Weight	Net 39 lbs. (17.7 kg).

Spares/Consumables



Pan for Sample Splitter 23-3352

Code: [23-3352/10](#)

Alternatives



Large Capacity Sample Splitter.

Code: [23-3425](#)



Sample Splitter (Riffle Box) - 14 chutes, 1/2" (13 mm) chute width

Code: [23-3052](#)



Sample Splitter (Riffle Box) - 14 chutes, 3/4" (19 mm) chute width

Code: [23-3102](#)



Sample Splitter (Riffle Box) - 16 chutes, 1" (25 mm) chute width

Code: [23-3152](#)



Sample Splitter (Riffle Box) - 8 chutes, 2" (51 mm) chute width

Code: [23-3302](#)



Table Brush

Code: [88-7810](#)



Large Capacity Sample Splitter.

Code: 23-3425

Product Group: Large Capacity Sample Splitter, Large Sample Splitter

The splitter is designed for the reduction of test samples which are too large in volume to be conveniently handled. It divides samples so that half is representative of the original total sample and handles material up to 6 inches in particle size.

The lever-actuated unit is constructed of heavy gauge welded steel with a hopper which holds up to 1 cuft. The single splitter chute provides wide flexibility in sizes of opening and adjustment is provided for chutes of 0.5, 1.5, 2, 3, 4 or 6 inch by positioning of the chute bars. Overall height is approximately 1 meter. Hopper size 735 mm long x 480 mm wide (approx).

Further Information

Complete with 2 material pans and a bag-loading chute.

Specification

Capacity	1 cu. ft. (0.028 m3); for sand sizes up to 4" (102 mm).
Hopper	Lever-actuated, clamshell design.
Chute Bars	48 aluminum bars, 1/2" (13 mm) width.
Chute Area	24 " (610 mm) overall width.
Chute Openings	Adjustable; 1/2", 1", 1-1/2", 2", 3", 4", or 6".
Frame	Welded, heavy-gage steel.
Chute Attachment	Replaces pan to allow sample collection in bag; 28-1/4" l. x 7"w. x 5-1/2" h. (718 x 178 x 140 mm).
Material Pans	Two included; 25 -3/4" l. x 9" w. x 6-1/2" h. (654 x 229 x 165 mm).
Overall Dimensions	29" l. x 19" w. x 39" h. (737 x 483 x 999 mm).
Weight	Shpg. 142 lbs. (64 kg).

Accessories



Sample Bag - 10" x 18" (254 x 457 mm)

Code: [23-1420](#)



Sample Bag - 17" x 32" (432 x 813 mm)

Code: [23-1422](#)

Alternatives



Large Capacity Sample Splitter.

Code: [23-3425](#)



Sample Splitter (Riffle Box) - 14 chutes, 1/2" (13 mm) chute width

Code: [23-3052](#)



Sample Splitter (Riffle Box) - 14 chutes, 3/4" (19 mm) chute width

Code: [23-3102](#)



Sample Splitter (Riffle Box) - 16 chutes, 1" (25 mm) chute width

Code: 23-3152



Sample Splitter (Riffle Box) - 8 chutes, 2-1/2" (64 mm) chute width

Code: 23-3352



Sample Splitter (Riffle Box) - 8 chutes, 2" (51 mm) chute width

Code: 23-3302



50kN Clamped Boss Load Ring

Code: 78-0860

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Load Measurement, Proving Rings, Accessories for the Marshall test, Accessories for the Marshall Test, CBR-Test 50 Machine, Load Measurement, CBR Loading Press, Hand-Operated, Force measurement

Calibrated in compression.

Standards

EN 12697-34

Specification

Capacity: kN, kgf, lbf	50.0, 5000, 11,200
Typical Design sensitivity: N/div, kgf/div, lbf/div	45.5, 4.54, 10.18
Overall height mm	248
Approx weight kg	7.9
Value of CBR	Above 40%
Capacity - kN	50
Capacity - kgf	5000
Capacity - lbf	11,200
Typical Design Sensitivity - kN/div	45.5
Typical Design Sensitivity - Kgf/div	4.54
Typical Design Sensitivity - lbf/div	10.18
Overall Height	9.76" (248 mm)
Approx Weight	17.4 lbs.(7.9 kg)

Accessories



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](#)



Digital Proving Ring, 11,200 lbs (50.0 kN)

Code: [78-0864](#)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)

Alternatives



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](#)



Digital Proving Ring, 11,200 lbs (50.0 kN)

Code: [78-0864](#)



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](#)



50 kN Mini-Flexural Machine

Code: [37-6040](#)

Product Group: [Hand-operated Flexural Machine](#)

- Hand operated
- Rugged, high strength frame
- Double-action hydraulic pump
- Dual calibrated (kN/lbf) gauge

This compact flexural machine is designed for testing 100 mm and 150 mm square section beams. The base incorporates a series of bearer locating points, enabling a wide range of tests to be performed.

The unit is self contained with hydraulic pressure applied through a double-action hand pump to a ram fitted in the top of the frame making this an ideal portable onsite quality control machine. A 200 mm diameter load gauge, dual calibrated to 50 kN x 0.1 kN and 11000 lbf x 50 lbf graduations is fitted as standard.

Standards

BS 1881-131

Further Information

Not available for sale in the USA



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

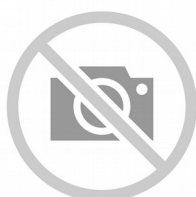
****NOT AVAILABLE FOR SALE IN THE USA****

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](#)



150mm Dia Cylinder Mould 300mm Long.

Code: [34-5260](#)

Product Group: [Cylinder Moulds](#)

150 mm diameter x 300 mm long, complete with base plate and locking ring.

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



Slump Test Set

Code: [EL3020E](#)

Product Group: [Slump Test Set](#)

Set includes:

- 1 Metal Slump Cone (34-0108).
- 1 Graduated Tamping Rod (34-0132).
- 1 Cement Pan (34-0152).
- 1 Cement Brush (39-0425).
- 1 Mixing Trowel (88-7400).

Standards

ASTM C143/C143M, ASTM C192, AASHTO T23, AASHTO T119, ASTM T126

Further Information

Includes large cement pan

Accessories



Slump Cone Funnel

Code: [34-0180](#)

Alternatives



K-slump Tester

Code: [34-0580](#)



Portable Slump Test Set

Code: [EL3010E](#)



Pocket Concrete Penetrometer

Code: 38-2695

Product Group: Concrete Mortar Penetrometer,
Concrete Mortar Penetrometer, Setting Time by
Penetration Resistance

Supplied complete with belt-loop, canvas carrying
case.

Standards

ASTM C187, ASTM C191, ASTM C780

Specification

Needle	Steel shaft; 1/20 sq. in. surface area.
Range	0 to 700 psi.
Scale	Direct-reading; indicator sleeve holds reading until released.
Dimensions	3/4" (19 mm) diam. x 7" (178 mm) long.
Carrying Case	Canvas, with belt-loop.
Weight	Net 8 oz. (227 g).



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 ²
Clamp Assembly	Single
Weight	60 kg

Accessories



Compacting Bar 25mm Sq X 380mm

Code: [34-2910](#)



Wire Brush

Code: [81-0705](#)

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](#)



Vibrating Poker 22mm Dia Tip 250mm Long. 220-240V 50/60Hz 1Ph.

Code: [34-6431/01](#)

Product Group: [Vibrating Poker](#)

- High amplitude and speed
- Flexible shaft for long life

Used as an internal means of vibratory compaction. The poker is inserted into the concrete which is then compacted by the high frequency vibration action. For use in either laboratory or site environments, the diameter of the vibrating tip must not exceed 25% of the smallest dimension of the specimen.

Standards

EN 12390-2

Further Information

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

For 220 - 240 V AC, 50 - 60 Hz, 1 ph

Specification

Tip Dimensions	22 mm diameter x 250 mm long
Shaft dimensions	2.0 m long
Speed	12,000 vibrations/min.
Overall Dimensions	200 x 300 x 350 mm
Weight	7 kg



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°C or rise above 20°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](#)



Tilting Drum Concrete Mixer 120/90L/ (4/3Cu.Ft) Complete with Stand

Code: [34-3590/01](#)

Product Group: [Tilting Drum Mixer](#)

120/90 litre mixing capacity. For 220 - 240 V AC, 50 Hz, 1 ph.

Standards

EN 12390-2

Further Information

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



Advanced SilverSchmidt Concrete Test Hammer

Code: 35-1500

Product Group: Surface Hardness

The SilverSchmidt ST/PC is the first integrated concrete test hammer featuring true rebound value and unmatched repeatability.

Two factors contribute to the improved performance of this concrete test hammer over its predecessors:

- Velocity based detection of the rebound quotient
- The lightweight hybrid design of the impact plunger is made from aerospace alloy, matched to the elastic properties of the concrete and equipped with a hardness steel cap

Independent validation testing by BAM (Federal Institute for Materials Research and Testing, Germany) has shown the SilverSchmidt ST/PC to have less dispersion than the classical concrete test hammer over the entire range.

The unique design and high quality construction of the concrete test hammer SilverSchmidt ST/PC makes rebound hammer testing quicker and more accurate than ever before.

NOT AVAILABLE FOR SALE IN THE USA

Further Information

- The SilverSchmidt ST/PC concrete test hammer combines a high measurement accuracy with an unmatched repeatability.
- The rebound value requires no angular correction
- The concrete test hammer offers customer conversion curves for a wide range of compressive concrete strengths, including low f_c (<10 N/mm², 1'450 psi) and high strength concrete (up to 100 N/mm², 14'500 psi)
- A large number of measurement points can be easily collected by the concrete test hammer and automatically evaluated according to statistical data
- The concrete test hammer offers automatic conversion to the required measurement unit (MPa,

N/mm², kg/cm², psi)

Specification

Technical Data	Silver Schmidt
Impact Energy	2.207 Nm
Hammer Mass	135 g
Spring Constant	0.79 N/mm
Spring Extension	75 mm (2.95")
Dimensions	55 x 55 x 255 mm (2.16" x 2.16" x 9.84")
Concrete Compressive Strengths	10-100 N/mm ² (1450-14500 psi)
Weight	570 g (1.4 lb)



ADR Touch 2000 BS EN Compression Machine with Digital Readout and Self Centring Platens.

Code: 36-3280/01

Product Group: BS EN Compression Machines

The ADR Touch range of 2000 kN and 3000 kN capacity compression machines has been designed to meet the need for reliable and consistent testing. The load frame is a welded steel fabrication carrying the ball-seated upper platen. Positively located on the loading ram, which is protected from debris by a flexible cover, the lower platen is marked for the centring of cube and cylinder specimens. Self-centring lower platens for cube location are supplied as standard on EN machines and are available as an optional extra on the standard machine. The two machines for cube testing to EN standards are assembled and aligned using a special compression frame stability tester.

The dimensions of the frame allow the testing of concrete cylinders up to 320 mm long x 160 mm diameter, 150 and 100 mm square cubes, and on EN/BS machines, 200 mm square cubes. Kerbs and flagstones may also be tested on ADR machines 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.

Standards

EN 12350-6, NF P18-411

Further Information

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

ADR Touch BS EN 2000 and 3000 kN compression machines are supplied complete with self-centring lower platen and safety gates fitted with interlock switches ready for testing 300 x 150 mm diameter cylinders.

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 12390-4, BS EN 12390-3, BS EN 12390-4, BS EN 12390-5, EN 12504-1, EN 1354, EN 1521, EN 3161, EN 1338, EN 772-6, EN 13286-41, BS 3892-3, BS 187, BS 6717, BS EN ISO 7500-1, ASTM E4
Capacity	2000 kN
Cubes (Concrete)	Up to 200 mm
Cylinders (Concrete)	Up to 160 x 320 mm
Blocks	Via optional Platen Handling System
Flexural Testing	Via Flexural Frame
TFV and ACV	Yes
Voltage Supply	220-240V 50/60 Hz 1Ph.
Frame Class (Stability)	Tested
Frame Type	Welded
Max vert. Clearance	340 mm
Max hor. Clearance	355 mm
Platen Sizes	Lower 220mm sq, Upper 300mm dia
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](#)



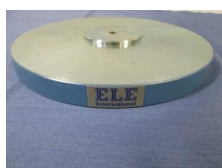
BS/EN Standard Rectangular Platen

Code: [37-4860](#)



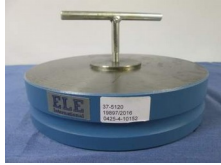
EN 12390-3/4 Distance Piece - 100 mm Depth

Code: [37-5180](#)



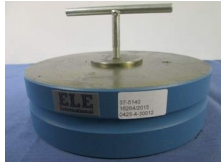
EN 12390-3/4 Distance Piece - 20 mm Depth

Code: [37-5110](#)



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

Code: [37-5120](#)



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

Code: [37-5140](#)



Extended Front Safety Gate for Use with 2000kN BS/EN Load Frames Fitted with Rectangular Platens.

Code: [37-4835](#)



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

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

Spares/Consumables



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

Code: [6014A0062](#)



Blaine Air Permeability Apparatus

Code: 38-1000

Product Group: Blaine Fineness Apparatus,
Determination of Fineness Blaine Apparatus

Standards

EN 196-6, EN 459-2, EN 13286-44, BS 4359-2, ASTM C204, AASHTO T153

Specification

Cell	Stainless steel; 12.70 \pm 0.10 mm i.d.
Disk	0.9 \pm 0.1 mm thick with 30-40 one mm diam. holes.
Plunger	Stainless steel.
Manometer	U-tube glass with ground joint, stop cock and rubber bulb assembly.
Filter Paper	12.70 mm diam.
Fluid	Pure Mineral Oil.
Weight	Net 7 lbs. (3.2 kg).

Accessories



Electronic Balance - 620 g x 0.001 g

Code: 78-5405/01



Filter Papers

Code: [38-0650](#)



Pure Mineral Oil 1 Litre Bottle.

Code: [38-0620](#)



Reference Cement

Code: [38-0645](#)

Spares/Consumables



Blaine Air Permeability Cell

Code: [38-1000/15](#)



Filter Paper

Code: [38-0652](#)



Manometer U-tube

Code: [38-1000/10](#)



Vicat Apparatus

Code: 38-2012
Product Group: Vicat Apparatus
Includes Vicat needle and mould.

Standards

ASTM C91, ASTM C187, ASTM C191, AASHTO T129, AASHTO T131

Specification

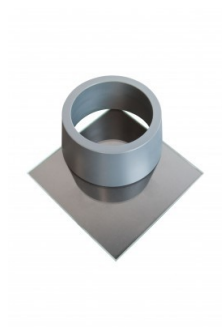
Plunger	Reversible; 10 mm diam. at one end and 1 mm diam. needle at other end; combined weight 300 grams.
Needle	Steel; mounted in plunger; 1 mm diam. x 50 mm long.
Scale	Graduated in millimeters.
Mold	Hard rubber; 70 mm base diam. x 60 mm top diam. x 40 mm h.
Weight	Net 4 lbs. (1.8 kg).

Accessories

ASTM Initial Set Needle

Code: 38-2620





ASTM Vicat Mould

Code: [38-2660](#)



Flow Table

Code: [38-6000](#)

Product Group: [Flow and Workability of Mortar Lime](#)

Manufactured from cast bronze as specified in BS and ASTM C230. Complete with Tripod and Baseplate.

Standards

BS 4551-1, BS 3892-1, ASTM C230

Further Information

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

Accessories



ASTM Calipers

Code: [38-6080](#)



Flow Mould

Code: [38-6040](#)



Motorised Unit for the 38-6000 Flow Table

Code: [38-6100/01](#)



Plastic Tamper

Code: 38-6160



Automatic/Manual 5 litre nominal capacity Mortar Mixer

Code: 39-0035/01

Product Group: Automatic/Manual 5 Litre Nominal Capacity Mortar Mixer

- New Microprocessor control
- New mix program selector
- Complies with latest EN Standards update
- Choice of automatic mixing cycles
- Sand and water dispenser supplied as standard

This mixer is designed to mix mortars and cement pastes to the requirements of the above Standards. The mixing paddle has a planetary motion and is driven by a motor with a microprocessor based speed and program controller. The mixer can be operated either in an automatic or manual mode. When the mixer is used in the manual mode, the two mixing speeds can be changed by means of a rocker switch, without switching off the motor. In the automatic mode any one of the preset mixing programs may be selected.

Standards

EN 196-1, EN 196-3, EN 413-2, EN 459-2, EN 1744-1, EN 13279-2, EN 1015-2, EN 13395-1, EN 13454-2, ISO 679, BS 3892-1, BS 3892-3, BS 6463-103, BS 4551-1

Further Information

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

Complete with bowl and paddle, sand and Water dispensers. For 220 - 240 V AC, 50 - 60 Hz, 1 ph.

Specification

Dimensions (l x w x h)	530 x 350 x 580 mm
Speeds (rpm) Low, High	Paddle: 140 ± 5 , 285 ± 10 Mixing Head: 62 ± 5 , 125 ± 10
Rated Power	180 W
Bowl Capacity	5 litres approx.
Weight	54 kg

Accessories



Bowl Cover

Code: [39-0060](#)



Scraper

Code: [39-0065](#)

Spares/Consumables



Bowl

Code: [39-0031/11](#)



Paddle

Code: [39-0031/10](#)



Le Chatelier Flask

Code: [38-1200](#)

Product Group: [Le Chatelier Flask, Specific Gravity \(relative density\) of Hydration Cement](#)

For determining the density of hydraulic cement and lime, supplied complete with calibration certificate. Capacity 250ml. Graduated from 0 to 1ml and from 18 to 24ml graduations. Accurate to 0.05ml.

Standards

EN 196-6, ASTM C128, ASTM C188, E 694, AASHTO T133

Specification

Graduations

Zero mark represents 250 ml, the capacity of the large bulb; neck graduations from 0-1 ml in 0.1 ml divisions with two extra 0.1 ml graduations above the 1.0 and below the 0 marks; bulb portion of neck holds 17 ml; top portion of neck graduated from 18-24 ml in 0.1 ml divisions; 24 ml capacity.

Stopper

Ground glass.

Weight

Net 8 oz. (227 g).

Accessories



Chattaway Spatula 125 mm

Code: [81-0180](#)



Electronic Balance - 620 g x 0.001 g

Code: [78-5405/01](#)



Water Bath - 12 litres

Code: [82-8500/01](#)



Le Chatelier Mould

Code: 38-3005

Product Group: General Expansion of Dry Hydrated Lime by the Le Chatelier Method, Soundness of Cement Paste by the Le Chatelier Method, Soundness

Comprising a split cylinder fitted with two indicator stems. The mould is supplied complete with two glass plates and a weight 100 g \pm 10 g. Three moulds required for each test.

Standards

BS 6463, EN 196-3, EN 459-2

Further Information

NOT AVAILABLE FOR SALE IN THE USA

Accessories



Extensibility of Mould Apparatus BS

Code: 38-3200



Extensibility of Mould Apparatus EN

Code: 38-3205



Le Chatelier Water Bath

Code: 38-3420/01



Tamping Rod

Code: [38-3300](#)



Trowel - Gauging

Code: [81-0335](#)



Set of Flakiness Sieves Comprising 1 Ea 4.9mm 7.2mm 10.2mm 14.4mm 19.7mm 26.3mm and 33.9mm

Code: [42-0600](#)

Product Group: [Flakiness Sieves and Gauges](#)

Comprising of 1 each, 4.9 mm, 7.2 mm, 10.2 mm,
14.4 mm, 19.7 mm, 26.3 mm and 33.9 mm.

Standards

BS 813

Further Information

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

Alternatives



Length Gauge

Code: [42-0820](#)



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

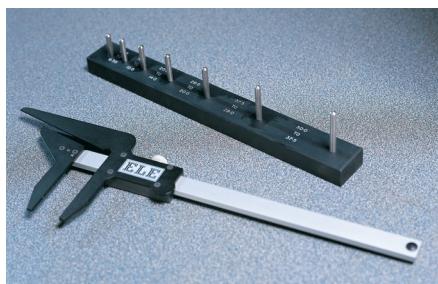
****NOT AVAILABLE FOR SALE IN THE USA****

Alternatives



Length Gauge

Code: [42-0820](#)



Length Gauge

Code: [42-0820](#)

Product Group: [Elongation Index](#)

Manufactured to the dimensions specified in BS 182.

Standards

BS 812-105

Further Information

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

Accessories



300mm Dia BS Sieve 10.0mm Perforated Plate.

Code: [79-2555](#)



300mm Dia BS Sieve 14.0mm Perforated Plate.

Code: [79-2575](#)



300mm Dia BS Sieve 20.0mm Perforated Plate.

Code: [79-2595](#)



300mm Dia BS Sieve 28.0mm Perforated Plate.

Code: [79-2615](#)



300mm Dia BS Sieve 37.5mm Perforated Plate.

Code: [79-2640](#)



300mm Dia BS Sieve 45.0mm Perforated Plate

Code: [79-2650](#)



300mm Dia BS Sieve 5.60mm Perforated Plate.

Code: [79-2520](#)



300mm Dia BS Sieve 50.0mm Perforated Plate.

Code: [79-2655](#)



300mm Dia BS Sieve 6.30mm Perforated Plate.

Code: [79-2525](#)



300mm Dia BS Sieve 63.0mm Perforated Plate.

Code: [79-2670](#)



300mm Dia Lid.

Code: 79-2010



300mm Dia Receiver.

Code: 79-2020



Air Jet Sieving Machine

Code: 80-0300/09



ELE Sieve Shaker

Code: 80-0200/01



ELE Sieve Shaker

Code: 80-0200/06



Sample Tray - 1200 x 1160 x 50 mm

Code: [81-4230](#)



Sample Tray - 406 x 406 x 50 mm

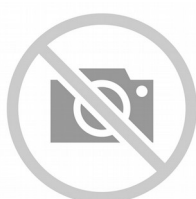
Code: [81-4030](#)



Shovel - With flat blade

Code: [81-0240](#)

Alternatives



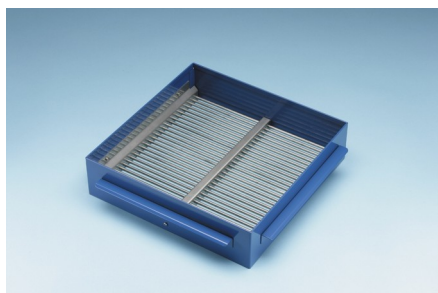
Flakiness Gauge.

Code: [42-0410](#)



Set of Flakiness Sieves Comprising 1 Ea 4.9mm 7.2mm 10.2mm 14.4mm 19.7mm 26.3mm and 33.9mm

Code: [42-0600](#)



Grid Sieve 10mm Slot Width for EN Aggregate Flakiness Test.

Code: [42-0314](#)

Product Group: [Grid Sieves](#)

10mm

Standards

EN 933-3

Further Information

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

Passing Size - 20 mm Retained Size - 16 mm

Accessories



300mm Dia BS Sieve 10.0mm Perforated Plate.

Code: [79-2555](#)



300mm Dia BS Sieve 11.2mm Perforated Plate.

Code: [79-2560](#)



300mm Dia BS Sieve 12.5mm Perforated Plate

Code: [79-2565](#)



300mm Dia BS Sieve 16.0mm Perforated Plate.

Code: [79-2580](#)



300mm Dia BS Sieve 20.0mm Perforated Plate.

Code: [79-2595](#)



300mm Dia BS Sieve 25.0mm Perforated Plate.

Code: [79-2605](#)



300mm Dia BS Sieve 31.5mm Perforated Plate.

Code: [79-2630](#)



300mm Dia BS Sieve 4.00mm Perforated Plate.

Code: [79-2500](#)



300mm Dia BS Sieve 40.0mm Perforated Plate

Code: [79-2645](#)



300mm Dia BS Sieve 45.0mm Perforated Plate

Code: [79-2650](#)



300mm Dia BS Sieve 5.00mm Perforated Plate.

Code: [79-2515](#)



300mm Dia BS Sieve 5.60mm Perforated Plate.

Code: [79-2520](#)



300mm Dia BS Sieve 50.0mm Perforated Plate.

Code: [79-2655](#)



300mm Dia BS Sieve 6.30mm Perforated Plate.

Code: [79-2525](#)



300mm Dia BS Sieve 63.0mm Perforated Plate.

Code: [79-2670](#)



300mm Dia BS Sieve 8.00mm Perforated Plate.

Code: [79-2540](#)



300mm Dia BS Sieve 80mm Perforated Plate

Code: [79-2684](#)



300mm Dia BS Sieve 90.0mm Perforated Plate.

Code: [79-2690](#)



300mm Dia Lid.

Code: [79-2010](#)



300mm Dia Receiver.

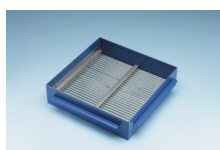
Code: [79-2020](#)



Sample Tray - 406 x 406 x 50 mm

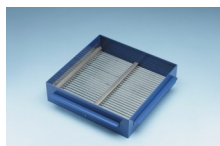
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Alternatives



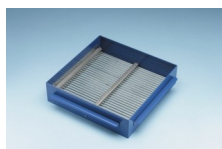
Grid Sieve 12.5mm Slot Width for EN Aggregate Flakiness Test.

Code: [42-0316](#)



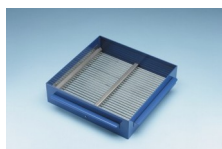
Grid Sieve 16mm Slot Width for EN Aggregate Flakiness Test.

Code: [42-0318](#)



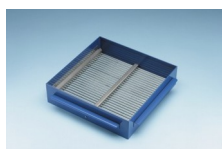
Grid Sieve 2.5mm Slot Width for EN Aggregate Flakiness Test.

Code: [42-0300](#)



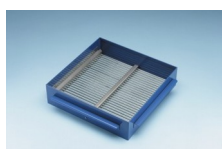
Grid Sieve 20mm Slot Width for EN Aggregate Flakiness Test.

Code: [42-0320](#)



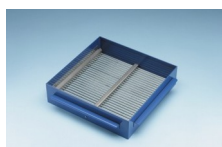
Grid Sieve 25mm Slot Width for EN Aggregate Flakiness Test.

Code: [42-0322](#)



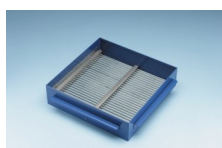
Grid Sieve 3.15mm Slot Width for EN Aggregate Flakiness Test.

Code: [42-0302](#)



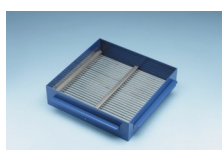
Grid Sieve 31.5mm Slot Width for EN Aggregate Flakiness Test.

Code: [42-0324](#)



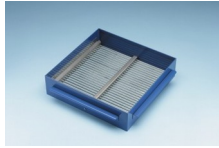
Grid Sieve 40mm Slot Width for EN Aggregate Flakiness Test.

Code: [42-0326](#)



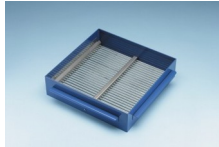
Grid Sieve 4mm Slot Width for EN Aggregate Flakiness Test.

Code: [42-0304](#)



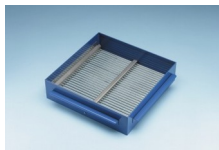
Grid Sieve 5mm Slot Width for EN Aggregate Flakiness Test.

Code: 42-0306



Grid Sieve 6.3mm Slot Width for EN Aggregate Flakiness Test.

Code: 42-0308



Grid Sieve 8mm Slot Width for EN Aggregate Flakiness Test.

Code: 42-0310



Sand Equivalent Test Set

Code: [24-4917](#)

Product Group: [Sand Equivalent Test Set](#)

Set Includes:

- 1 Solid Rubber Stopper.
- 1 2-Hole Rubber Stopper.
- 1 Pinch Clamp.
- 1 Carrying Case.
- 1 Weighted Foot Assembly.
- 1 Funnel.
- 1 Irrigation Tube.
- 1 Siphon Tube.
- 1 Blow Hose.
- 1 Measuring Can 85ml +/- 5ml.
- 1 Bottle Stock Solution.
- 4 Sand Equivalent Cylinders.

Standards

ASTM D2419, AASHTO T176

Specification

Stock Solution

Mixture of calcium chloride and glycerin.

Carrying Case

Plastic; holds all components.

Weight

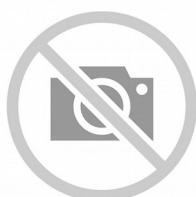
Net 22 lbs. (10 kg).

Spares/Consumables



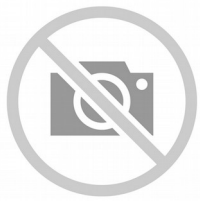
Sand Equivalent Cylinder

Code: [24-4917/10](#)



Stock Solution 1 gallon

Code: [24-4938](#)



Stock Solution 8 oz.

Code: [24-4936](#)



Los Angeles Abrasion Machine

Code: [42-5305/02](#)

Product Group: [Los Angeles Abrasion Machine](#)

The machine consists of a closed hollow cylindrical steel drum rotating around its horizontal axis on ball bearing units mounted on a sturdy base framework.

The drum is driven at a speed of between 30 - 33 rpm via an enclosed belt drive arrangement from an electric motor/gearbox unit situated on the base frame. Inside the drum a full length steel shelf is attached, accessed by a dust-proof opening.

The cylinder incorporates a removable internal shelf, one shelf position is provided to meet the requirements of both the ASTM and EN test standards.

Controls are located easily on the right-hand side of the machine at convenient operator height.

Start and stop push buttons and a subtracting revolution counter allows the user to preset the number of revolutions before an automatic stop.

Standards

ASTM C131, ASTM C535, AASHTO T96, NF P18-573

Further Information

110-120vAC, 60 Hz, 1Ø.

Specification

Capacity	5,000 g each of aggregate and charge.
Drum Speed	30-33 rpm.
Frame	Welded structural steel.
Counter	Adjustable; automatic shut-off; push-button reset and adjustment.
Controls	Magnetic motor starter with overload protection and integral On-Off switches.
Dimensions	38.6" w. x 36.2" d. x 38.6" h. (980 x 920 x 980 mm).
Weight	Net 882 lbs. (400 kg).
Motor	1 HP

Accessories

Set of 12 Abrasive Charges (ASTM).

Code: [42-5300/10](#)





Set of 12 Abrasive Charges (ASTM).

Code: [42-5300/10](#)

Product Group: [Los Angeles Abrasion Machine](#), [Los Angeles Abrasion Machine](#)

ASTM Set of 12.

Standards

EN 1097-2, ASTM C131, ASTM C535, AASHTO T96



Pendulum Skid Resistance Tester

Code: 42-6000

Product Group: [Skid Resistance Testing](#), [Skid Resistance Testing](#)

The Pendulum Skid Resistance Tester was originally designed in the 1940s in the USA and further developed in the 1960s at the TRL (Transport Research Laboratory) for the testing of road surfaces.

The device measures the frictional resistance between a rubber slider mounted on the end of a pendulum arm and the surface to be tested. This provides road engineers with a method of checking the resistance of wet and dry surfaces to slipping and skidding, both in the lab and in situ.

It operates by a pendulum rotating about a spindle which is attached to a vertical pillar. At the end of the tubular arm, a head of known mass is fitted with a rubber slider. The pendulum is released from a horizontal position so that it strikes the sample surface at a constant speed. The distance travelled by the head after hitting the sample is determined by the friction of the sample surface.

Standards

EN 1097-8:2009, EN 1436:1997, EN 13036-4:2003, ASTM E303-93, BS 812 Pt 114, BS 6077 Pt 1, BS 7044, BS 7188, BS 8204, BS 7976

Further Information

Applications:

- Assessment of surface friction and skid resistance properties
- Testing of aggregates in the PSV (Polished Stone Value) test
- Testing of new road surface materials
- Testing of pedestrian pavements
- RTA (road traffic accidents)
- Litigation investigations

Features:

- Designed for lab and on site road surface testing
- Factory calibrated to EN1097-8
- Low friction arm, and lightweight pointer
- Supplied with 'F' scale for use with small slider set for 76mm slide length (PSV test)
- Highly repeatable
- Supplied with carrying case

Specification

Dimensions (WxDxH)	695 x 295 x 695 mm
Volume	0.15m ³
Weight	30 kg

Accessories



1.25" Rubber Mounted PSV Slider for 42-6000

Code: [42-6000/11](#)



3.00" Rubber Mounted CEN Slider for 42-6000

Code: [42-6000/14](#)



3.00" Rubber Mounted Four S (96) Slider for 42-6000

Code: [42-6000/13](#)



3.00" Rubber Mounted TRL (55) Slider for 42-6000

Code: [42-6000/12](#)



Base Plate for Skid Resistance Tester for lab testing

Code: [42-6200](#)



First traceable calibration for 42-6000

Code: [42-6000/15](#)



Set of 3 Spreader Feet for Skid Resistance Tester for in-situ testing

Code: [42-6000/10](#)



Sand Absorption Cone and Tamper

Code: [42-1725](#)

Product Group: [Sand Absorption Cone and Tamper](#)

Standards

ASTM C128, AASHTO T84

Specification

Mold	Brass; 40 mm top diam. x 90 mm base diam. x 75 mm h.
Tamper	Steel; 1 1/4" diam. working face x 6-5/8" l. (25 .4 x 168 mm); 12 oz.(340 g) weight.
Weight	Net 1 lb. (453 g).

Accessories

Tamping Rod.

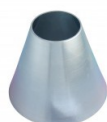
Code: [42-1720](#)



Alternatives

Sand Absorption Cone.

Code: [42-1700](#)





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

Code: [42-4500](#)

Product Group: [Aggregate Crushing Value \(ACV\) and Ten Percent Fines Value \(TFV\)](#)

Comprising of 75 mm nominal diameter steel cylinder, plunger and base plate supplied complete with metal measure and tamping rod.

Further Information

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

Accessories



Tamping Rod 8mm Dia X 300mm.

Code: [42-4580](#)

Alternatives



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

Code: [42-4300](#)



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



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****