



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

This wishlist was generated on 19/11/2016, and contains the following Products:

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Surface Thermometer

78-0460

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78-5485/01

Electronic Balance - 20 000 g x 0.1 g

78-5666/01

Electronic Balance - 75,000 g x 20.0 g

78-0135/01

425 Litre Drying Oven

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200 mm Diameter Receiver

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200mm Dia BS Sieve 53 Mic Stainless Steel Mesh.

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200mm Dia BS Sieve 63 Mic Stainless Steel Mesh.

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200mm Dia BS Sieve 75 Mic Stainless Steel Mesh.

79-0085

200mm Dia Iso:565 3310/1 Sieve 80 Mic Stainless Steel Mesh.

79-0090

200mm Dia BS Sieve 90 Mic Stainless Steel Mesh.

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79-0110

200mm Dia BS Sieve 125Mic Stainless Steel Mesh.

79-0120

200mm Dia BS Sieve 150 Mic Stainless Steel Mesh.

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200mm Dia BS Sieve 1.00mm Stainless Steel Mesh.

79-0245

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80-0200/01

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34-3590/01

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

34-4650

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

34-4670

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

34-4620

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

34-5003

100 X 100 X 500mm Beam Mould.

34-6431/01

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

34-6250/01

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

34-6122/01

Melting Pot 4 Litre Capacity. 50 to 300 Deg. C. Temperature Range.

34-8505/10

Length Comparator 11 5/8in Total Length; 3/8in Dia Tips.

SP34-8501

Length Comparator

34-8500

Drying Shrinkage & Moisture Movement Apparatus Complete with Two Calibration Rods

34-8538

Prism Mould 75 X 75 X 254mm

34-8541

Steel Inserts for EI34-8538 (Pack of 10)

34-8547

Inserts for 34-8544 (Pack of 10)

34-8544

Two Gang Prism Mould Produces 1 Inch Square X 11 1/4 Inch Long Specimen (10 Inch Gauge Length)

39-1300/01

Humidity Cabinet to En196 320 Litre Capacity

35-2505

Crack Detection Microscope Magnification X 40 Measuring Range of 4mm In 0.02mm Divisions

35-4043

Gwt Permeability Kit 0-6 bar range Supplied In a carrying case.

35-2025

Profoscope Rebar Detector and Covermeter

35-1530

Testing Anvil

35-1480

Standard Concrete Test Hammer

36-4165/06

ADR-Auto V2.0 3000 BS EN Compression Machine

36-1410/01

**1000/500kN Motorised Compression/Tension Machine (complete with grips)
220-240V 50/60Hz 1Ph.**

37-6330

Specimen Bearer Assembly

37-6140

**100kN Flexural and Transverse (Flags) Frame. Supplied Without Specimen
Bearers and Fitting Kit.**

37-6040

50 kN Mini-Flexural Machine

38-2015/01

Automatic Vicat Apparatus

39-0035/01

Automatic/Manual 5 litre nominal capacity Mortar Mixer

39-1120

Feeding Hopper

39-1100

Three-gang Mould

39-0410

Three-gang Mould

39-0100

70.7 mm Cube Mould

39-1000

Briquette Mould

83-4170/01

Muffle Furnace



Maximum and Minimum Thermometer

Code: [82-5310](#)

Product Group: [General-purpose Thermometers](#)

Non hazardous. Range -40 - +50°C

Further Information

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



Surface Thermometer

Code: [82-5311](#)

Product Group: [General-purpose Thermometers](#)

Flat surface type with approximately 64 mm diameter dial. Accuracy $\pm 3^{\circ}\text{C}$. Range 0 - $+160^{\circ}\text{C}$.

Further Information

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



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)

Product Group: [Clamped Boss Load Rings](#), [Digital Tritest 50 Load Frame](#), [Proving Rings](#), [Force measurement](#)

Specification

Capacity: kN, kgf, lbf	10.0, 1000, 2250
Typical Design sensitivity: N/div, kgf/div, lbf/div	7.7, 0.77, 1.73
Overall height mm	248
Approx weight kg	4.6
Capacity	10 kN
Value of CBR	8% to 40%
Capacity - lbf	2,250
Capacity - kN	10
Capacity - kgf	1,000
Typical Design Sensitivity - lbf/div	1.73
Typical Design Sensitivity - kN/div	7.7
Typical Design Sensitivity - Kgf/div	0.77
Overall Height	9.76" (248 mm)
Approx Weight	10.1 lbs.(4.6 kg)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)



Electronic Balance - 20 000 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	20000 g x 0.1 g
Pan size	340 x 300 mm
Mains and battery	Yes
Dimensions (l x w x h)	314 x 460 x 125 mm
Weight	18 kg



Electronic Balance - 75,000 g x 20.0 g

Code: [78-5666/01](#)

Product Group: [Electronic Balances](#)

Further Information

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

Specification

Capacity resolution	75000 g x 20.0 g
Pan size	310 x 300 mm
Mains and battery	Yes
Dimensions (l x w x h)	Base 300 x 310 x 50 mm, Indicator 80 x 270 x 30 mm
Weight	5 kg



425 Litre Drying Oven

Code: 78-0135/01

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

Standards

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

Specification

Capacity	425 litres
External Dimensions (l x w x h)	790 x 1350 x 670 mm
Internal Dimensions (l x w x h)	640 x 920 x 760 mm
Fluctuation	$\pm 0.75^{\circ}\text{C}$
Rated power heater elements	2000 W
Shelves supplied	4
Shelf positions	5
Weight	120 kg



200 mm Diameter Lid

Code: 79-0010

Product Group: Sieve Lids and Receivers ISO and BS, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200 mm Diameter Receiver

Code: 79-0020

Product Group: Sieve Lids and Receivers ISO and BS, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia BS Sieve 45 Mic Stainless Steel Mesh.

Code: [79-0050](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia BS Sieve 53 Mic Stainless Steel Mesh.

Code: 79-0060

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia BS Sieve 63 Mic Stainless Steel Mesh.

Code: [79-0070](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia BS Sieve 75 Mic Stainless Steel Mesh.

Code: [79-0080](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia Iso:565 3310/1 Sieve 80 Mic Stainless Steel Mesh.

Code: 79-0085

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia BS Sieve 90 Mic Stainless Steel Mesh.

Code: [79-0090](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia Iso:565 3310/1 Sieve 100 Mic Stainless Steel Mesh.

Code: 79-0095

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia BS Sieve 106Mic Stainless Steel Mesh.

Code: [79-0100](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia BS Sieve 125Mic Stainless Steel Mesh.

Code: 79-0110

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia BS Sieve 150 Mic Stainless Steel Mesh.

Code: [79-0120](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia Iso:565 3310/1 Sieve 800 Mic Stainless Steel Mesh.

Code: 79-0215

Product Group: 200mm Diameter BS Sieves, 200mm
Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

ISO 565, BS410-1, ISO 3310-1, EN933-2

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia BS Sieve 1.00mm Stainless Steel Mesh.

Code: [79-0230](#)

Product Group: [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#), [200mm Diameter BS Sieves](#)

Standards

BS 410-1, ISO 3310, ISO 565, EN933-2

Further Information

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



200mm Dia Iso:565 3310/1 Sieve 1.25mm Stainless Steel Mesh.

Code: 79-0245

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, EN933-2, ISO 565

Further Information

NOT AVAILABLE FOR SALE IN THE USA



200mm Dia Iso:565 3310/1 Sieve 1.60mm Stainless Steel Mesh.

Code: 79-0255

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310, EN933-2, ISO 565

Further Information

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



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.

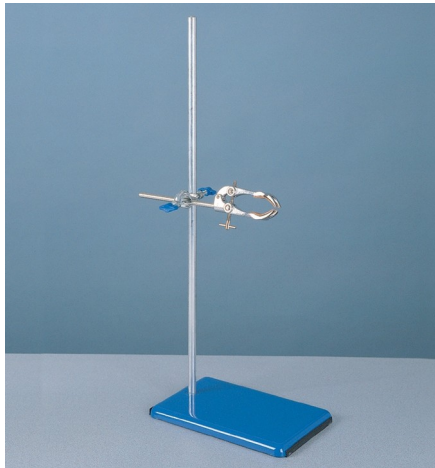
The shaker is ideal for laboratory or on site use. It is robust, compact and sufficiently lightweight to be portable. The separate digital microprocessor controlled console unit incorporates a keypad for setting the sieving program and is isolated from any effects of vibration from the shaker.

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.



Support Assembly

Code: [81-0094](#)

Product Group: [Stand, Bosshead and Clamp](#)

Further Information

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



Spatula 150 mm

Code: [81-0120](#)

Product Group: [Spatulas](#)

Further Information

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



Spatula 100 mm

Code: [81-0100](#)

Product Group: [Spatulas](#)

Further Information

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



Spatula 200 mm

Code: [81-0140](#)

Product Group: [Spatulas, Determination of Plastic Limit](#)

Further Information

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



Chattaway Spatula 125 mm

Code: [81-0180](#)

Product Group: [Spatulas](#)

Further Information

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



Aluminium Scoop Small

Code: [81-0200](#)

Product Group: [Scoops and Shovels](#)

82 x 127 x 50 mm, cast aluminium with handle

Further Information

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



Aluminium Scoop Large

Code: [81-0220](#)

Product Group: [Slump Test, Scoops and Shovels](#)

Further Information

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



Scoop - 250 mm long

Code: [81-0222](#)

Product Group: [Scoops and Shovels](#)

Further Information

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



Shovel - With flat blade

Code: [81-0240](#)

Product Group: [Scoops and Shovels](#)

Further Information

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



Trowel - Gardeners type

Code: [81-0310](#)

Product Group: [Trowels and Floats](#)

Further Information

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



Trowel - Gauging

Code: [81-0335](#)

Product Group: [Trowels and Floats](#)

Further Information

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



Float - Plasterer's type

Code: [81-0340](#)

Product Group: [Trowels and Floats](#)

Further Information

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



Rubber Tubing

Code: [81-0375](#)

Product Group: [Vacuum Pumps, Rubber Tubing](#)

Further Information

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



Timer Clock

Code: [81-0518](#)

Product Group: [Rice Test Vibrator, Watches and Clocks](#)

Accessory

Standards

EN 12697-5

Further Information

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

Spares/Consumables

Consistency Plunger

Code: [38-2010/10](#)





Stopwatch

Code: [81-0521](#)

Product Group: [Watches and Clocks](#)

Further Information

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

Specification

Dimensions (mm)

64 x 53 x 19



Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: [81-0588](#)

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

Vernier callipers 200 x 0.002mm. Graduated in mm and inches.

Standards

EN 933-4, BS 1377



Crucible Tongs, Straight

Code: [81-0480](#)

Product Group: [Miscellaneous Laboratory Hardware](#)

Further Information

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



Heat-Resistant Gloves, With Gauntlet

Code: [81-0508](#)

Product Group: [Miscellaneous Laboratory Hardware](#)

Further Information

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



Engineer's Steel Rule

Code: [81-0805](#)

Product Group: [Miscellaneous Laboratory Hardware](#)

Further Information

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

Spares/Consumables



Consistency Plunger

Code: [38-2010/10](#)



Rubber Bucket

Code: [81-5100](#)

Product Group: [Miscellaneous Laboratory Hardware](#)

Further Information

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



Beaker - 500 ml

Code: [81-4779](#)

Product Group: [Beakers and Bowls](#)

Further Information

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



Bowl - 2.5 litre

Code: [81-5020](#)

Product Group: [Beakers and Bowls](#)

Further Information

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



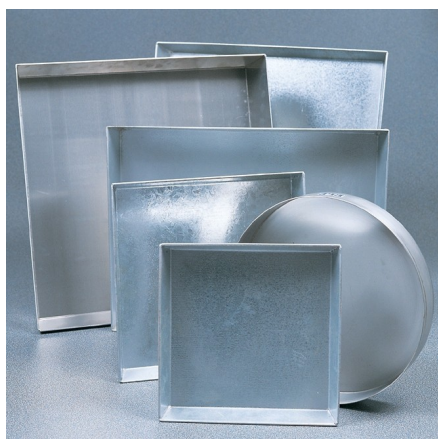
Bowl - 5 litre

Code: [81-5040](#)

Product Group: [Beakers and Bowls](#)

Further Information

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



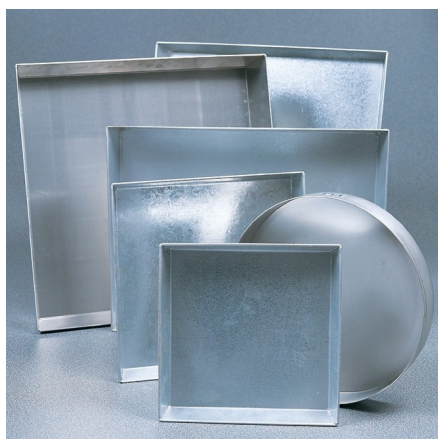
Sample Tray - 306 x 306 x 38 mm

Code: [81-4020](#)

Product Group: [Sample Trays](#)

Further Information

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



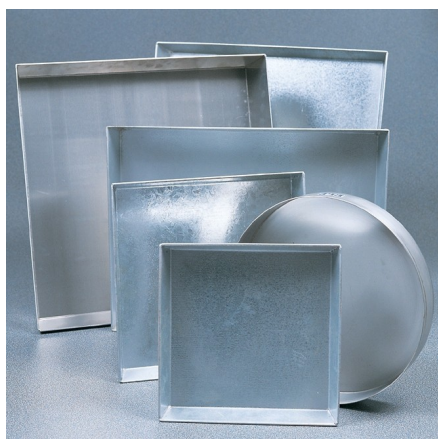
Sample Tray - 406 x 406 x 50 mm

Code: [81-4030](#)

Product Group: [Sample Trays](#)

Further Information

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



Sample Tray - 305 mm Diameter x 50 mm

Code: [81-4700](#)

Product Group: [Sample Trays](#)

Further Information

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



Wire Basket - 150 μ m wire mesh

Code: [81-4819](#)

Product Group: [Soundness of Aggregates, Wire Baskets](#)

Further Information

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



Porcelain Crucible

Code: [82-3320](#)

Product Group: [Bottles and Crucibles,](#)
[Loss-on-Ignition](#)

30ml capacity complete with lid.

Further Information

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



Buchner Funnel

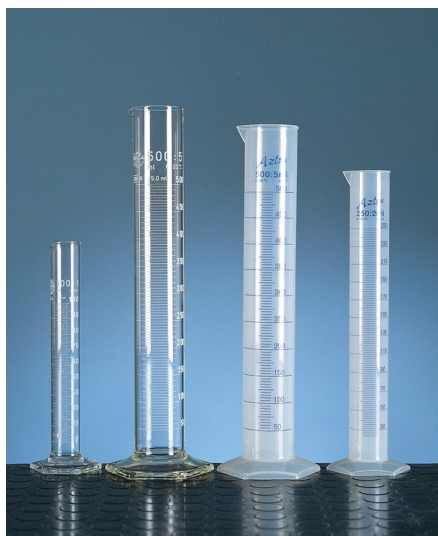
Code: [82-2200](#)

Product Group: [Funnels and Flasks](#)

Size no. 5 accepts 110 mm diameter filter paper.

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****



Syringe with Rubber Bulb.

Code: [82-2820](#)

Product Group: [Syringe and Stirring Rod, Setting Time by Penetration Resistance](#)

Further Information

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



Glass Stirring Rod

Code: [82-4005](#)

Product Group: [Syringe and Stirring Rod](#)

7 mm diameter x 200 mm long. Pack of 10.

Further Information

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



Air Compressor

Code: 83-1735/01

Product Group: Air Compressors, Air/Water Pressure Systems - up to 1000 kPa

Specification

Dimensions (l x w x h)	1321 x 457 x 914 mm
Free air delivery	6.0 cfm
Receiver capacity	116 litres
Maximum pressure	1380 kPa
Continuous working pressure	1000 kPa
Electrical supply	220 – 240 V AC 1 ph 50 Hz
Water Trap	Yes
Weight	149 kg



Water Bath - 18 litres

Code: [82-8600/01](#)

Product Group: [Water Baths](#)

Further Information

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

Specification

Capacity	18 litres
Working area	390 x 300 mm
Tray	Yes
Max Water Depth	131 mm
Controller	Digital
Temperature range and stability °C	1 to 99.9 ± 0.1
Electrical supply	221 – 240 V AC, 50 - 60 Hz, 1 ph
Rated power kW	1.6
Weight	9.2 kg



300 mm Stainless Steel Rule.

Code: [34-0140](#)

Product Group: [Slump Test](#)

Standards

EN 12350-2

Further Information

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



Base Plate for Slump Test.

Code: [34-0160](#)

Product Group: [Slump Test](#)

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****



K-slump Tester

Code: [34-0580](#)

Product Group: [K-Slump Tester](#), [K-Slump Tester](#)

Developed to determine the workability of fresh concrete and the degree of concrete compaction placed in formwork. The apparatus can be used for in-place measurements of concrete in test moulds and forms and may be correlated to the standard slump test. It is simple, economical to use and reduces testing time. No special calibration is required.

Specification

Construction

Nickel Plated Steel. Calibrated 3/4" (19 mm) diam. Hollow tube; pointed insertion end; round disc controls depth of penetration.

Openings

Two groups through which concrete enters.

Test time

60 seconds

Weight

450 g



Vibro Consistometer

Code: [34-0300/01](#)

Product Group: [Vebe Time](#)

Comprising of vibrating table, container, slump cone, graduated rod and plate. For 220 - 240 V AC, 50 Hz, 1 ph.

Further Information

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



Proctor Penetrometer Spring Type with Adaptor Stem.

Code: [29-3925](#)

Product Group: [Proctor Penetrometer, Setting Time by Penetration Resistance](#)

Supplied without needle points

Standards

ASTM D1558

Further Information

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



ELE 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.



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 2390-2

Further Information

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



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

Code: [34-4650](#)

Product Group: [Cube Moulds](#)

2-part with clamp attached base plate.

Specification

Construction

Bolted sides and clamped base plate

Finish

Painted

Weight

42 lb (19.1 kg)



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

Code: [34-4670](#)

Product Group: [Cube Moulds](#)

2-part with clamp attached base plate.

Specification

Construction

Bolted sides and clamped base plate

Finish

Painted

Weight

42 lb (19.1 kg)



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

Code: [34-4620](#)

Product Group: [Cube Moulds](#)

4-part with clamp attached base plate.

Standards

EN 12390-1, EN 12390-2

Further Information

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



100 X 100 X 500mm Beam Mould.

Code: [34-5003](#)

Product Group: [Beam Moulds](#)

Complete with base plate

Weight 17 kg

Further Information

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



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



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



Melting Pot 4 Litre Capacity. 50 to 300 Deg. C. Temperature Range.

Code: [34-6122/01](#)

Product Group: [Melting Pot](#)

This unit is suitable for melting wax and capping compound and comprises a metal container in a welllagged steel jacket. A thermostatic control and stand-by heat switch are fitted. Supplied complete with lift-off cover.

Standards

BS 1377-1

Further Information

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

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

Specification

Internal Dimensions (diameter x depth)	140 x 150 mm
External Dimensions (diameter x depth)	250 x 165 mm
Capacity	4 litres
Rated Power	300 watt
Temperature range	50 to 300°C
Weight	7 kg
Internal Dimensions (diameter x depth)	140 x 150 mm
External Dimensions (diameter x depth)	250 x 165 mm
Capacity	4 litres
Rated Power	300 watt
Temperature range	50 to 300°C
Weight	7 kg



Length Comparator 11 5/8in Total Length; 3/8in Dia Tips.

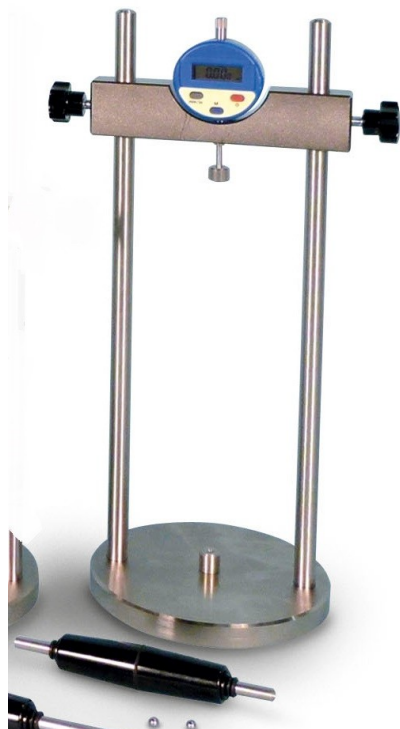
Code: [34-8505/10](#)

Product Group: [Measuring Equipment](#)

11 5/8 inch total length.

Further Information

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



Length Comparator

Code: [SP34-8501](#)

Product Group: [Measuring Equipment](#)

Used to measure the length variations of mortar specimens after autoclave soundness tests. The top beam is adjustable to suit the specimen's length.

It also measures the linear shrinkage of specimens having different dimensions such as 40 x 40 x 160 mm or 25 x 25 x 250 mm.

Supplied with Digital Gauge, 15.3 mm travel by 0.001 mm divisions complete with battery.

Standards

ASTM C348, ASTM C490, EN 12617-4, EN 12808-4



Drying Shrinkage & Moisture Movement Apparatus Complete with Two Calibration Rods

Code: [34-8500](#)

Product Group: [Measuring Equipment](#)

Conforming to the requirements of EN 1367-4 and ASTM C490 comprising a steel frame with an adjustable-height beam and a dial gauge with 0.002 mm divisions. Supplied with two calibration rods EN and ASTM.

Standards

ASTM C348, ASTM C490, EN 12617-4, EN 12808-4, EN 1367-4, BS 6073-1

Further Information

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

Spares/Consumables



Length Comparator 11 5/8in Total Length; 3/8in Dia Tips.

Code: [34-8505/10](#)



Prism Mould 75 X 75 X 254mm

Code: [34-8538](#)

Product Group: [Prism Moulds and Inserts](#)

For producing specimens 75mm square x 254mm gauge length to BS 812-123. The mould is made of steel and constructed so that the gauge length can be set within ± 2.54 mm limits. The overall length of the manufactured prism with steel inserts is 292mm.

Further Information

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



Steel Inserts for EI34-8538 (Pack of 10)

Code: [34-8541](#)

Product Group: [Prism Moulds and Inserts](#)

For use with prism mould 34-8538. Supplied in pack of 10.

Standards

BS 6073-1, EN 1367-4

Further Information

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



Inserts for 34-8544 (Pack of 10)

Code: [34-8547](#)

Product Group: [Prism Moulds and Inserts](#)

For use with prism mould 34-8544. Supplied in pack of 10.

Further Information

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



Two Gang Prism Mould Produces 1 Inch Square X 11 1/4 Inch Long Specimen (10 Inch Gauge Length)

Code: [34-8544](#)

Product Group: [Prism Moulds and Inserts, Test Bar Moulds](#)

To produce specimens 1 inch square x 11¼ inches long to ASTM C490. The mould is constructed so that the gauge length can be set within ± 0.1 inch limits.

Standards

ASTM C141, ASTM C151, ASTM C157, ASTM C227, ASTM C490, ASTM C531, AASHTO T107

Specification

Construction	Plated steel.
Gauge Length	10" (254 mm) between inner ends of embedded contact points.
Weight	Net 20 lbs. (4.3 kg).



Humidity Cabinet to En196 320 Litre Capacity

Code: 39-1300/01

Product Group: Humidity Cabinet BS EN, Prism Moulds and Inserts

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

Standards

EN 196-1, EN 459-2, BS 3892-1

Further Information

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

10 Reinforced Shelves and Circular Chart Recorder

Specification

Capacity	320 litres
Dimensions External, Internal	660 x 635 x 1745 mm, 490 x 510 x 1275 mm
Temperature Range	+5.0°C to +60°C
Fluctuation (better than)	± 0.2°C
Variation (better than)	± 0.5°C
Recorder:	7 day,
Circular chart type,	0 – 50°C,
Temperature,	0 – 100% RH
Humidity	
Rated power	850 Watt
Number of shelves	10

Product Sheet

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



Weight 200 kg

Spares/Consumables



Replacement Circular Charts

Code: [39-1300/10](#)



Crack Detection Microscope Magnification X 40 Measuring Range of 4mm In 0.02mm Divisions

Code: 35-2505

Product Group: Crack Detection, Crack Detection
Microscope

Specifically designed for measuring crack width in concrete, this high definition microscope operates via an adjustable light source provided by high power batteries.

Supplied in a pocket sized carrying case.

Specification

Magnification	X 35 .
Measuring Range	4 mm.
Divisions	0.02 mm.
Dimensions	1.5" x 3.5" x 6" (40 x 90 x 150 mm) in case.
Weight	Net 19.4 oz. (550 g).



Gwt Permeability Kit 0-6 bar range Supplied In a carrying case.

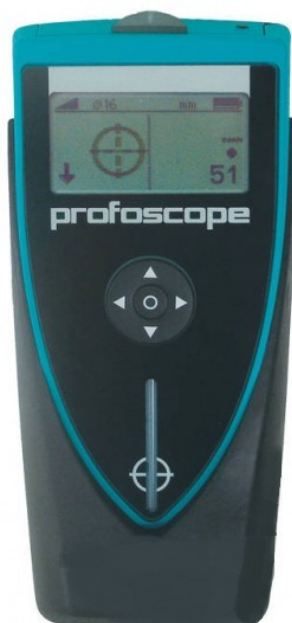
Code: [35-4043](#)

Product Group: [Permeability of Concrete](#)

The Water Permeability Test Kit is a portable unit capable of measuring in-situ permeability. It has a dual measuring range of 0 - 1.5 bar or 0 - 6 bar. Consisting of a sealed water reservoir and all necessary attachments, the unit is supplied complete in a carrying case. Dimensions 460 x 310 x 100 mm (l x w x h).

Further Information

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



Profoscope Rebar Detector and Covermeter

Code: 35-2025

Product Group: Rebar Detection

The Profoscope is a versatile, fully-integrated rebar detector and cover meter with a unique real-time rebar visualization allowing the user to see the location of the rebar beneath the concrete surface to a maximum depth of 180 mm. This is coupled with rebar-proximity indicators and optical and acoustical locating aids. Rebar diameter can also be estimated within the specified testing range. The Profoscope combines these unique features in a compact, light device that allows the user to operate this rebar detector with one hand making the task of locating rebars a simple and efficient process. In addition, ELE's rebar detector convinces through its intuitive user interface making rebar detection easy.

NOT AVAILABLE FOR SALE IN THE USA

Further Information

- A rebar detector with real-time visualization of the rebars beneath the instrument
- Visual indication of rebars in close proximity
- The Profoscope is a rebar detector with the ability to identify the mid-point between rebars as well as the orientation of rebars
- Optical and acoustical indication of rebar location and minimum cover alert
- This rebar detector offers neighboring bar correction
- Regional settings (metric, imperial)
- Cordless and single handed operation
- Switchable display backlight for dark environments
- A rebar detector with icon-based language independent menus
- Start-up test kit allows user to familiarize him/herself with all functions in a comfortable environment, wasting no time on site

Specification

Technical Data	Profoscope
Power Supply	2 x 1.5 V AA Batteries
Voltage Range	3.6 V to 1.8 V
Dimensions	205 x 92 x 41 mm (8 x 3.6 x 1.6")
Temperature Range	-10°C to 60°C (14°F to 140°F)
Humidity Range	0 to 100% rH
Protection Range	IP54



Testing Anvil

Code: [35-1530](#)

Product Group: [Concrete Test Hammer](#), [Surface Hardness](#), [Testing Anvil](#)

Standards

ASTM C805



Standard Concrete Test Hammer

Code: 35-1480
Product Group: Concrete Test Hammer, Surface Hardness

The hammer is intended for testing the quality of concrete in finished structures such as buildings and bridges. Supplied complete with carrying case and carborundum stone, the hammer is suitable for testing concrete with compressive strengths of 10 to 70 N/mm2.

Standards

ASTM C805

Specification

Body	Includes indicator scale, calibration curves.
Calibration Curves	Rebound number vs. compressive strength.
Rubbing Stone	Prepares test surface.
Accuracy	Within 15 %.
Carrying Case	Plastic.
Weight	Net 3 lbs. (1.4 kg).

Spares/Consumables



Rubbing Stone

Code: 35-1475/10



ADR-Auto V2.0 3000 BS EN Compression Machine

Code: [36-4165/06](#)

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

The ADR-Auto V2.0 3000 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

Further Information

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

Whilst delivering all of the features and reputation of the established ADR-Auto V2.0 range with its 20 year design history, the new and improved user interface provides a high quality platform for testing that will enhance the performance of our compression machines. New, sophisticated electronics further the benefits of a closed-loop operation in testing concrete and cement/ mortar samples, satisfying the requirements of Quality Control Managers, Lab Managers and Technicians alike.

ACCURACY & SAVINGS

The NEW ADR-Auto V2.0 range, with 145mm (5.7") 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%. Most testing errors produce lower strength results. Noncompliant loading rates can generate errors in measured strength. With the latest closed-loop technology used in the ADR-Auto V2.0, the most effective cement ratios can be used with confidence.

TRACEABILITY & DATA QUALITY

The ADR-Auto V2.0 now provides improved data quality and traceability in due diligence cases - it is now possible to display 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. Prove your service quality - the ADR-Auto V2.0 now plots load vs time in real-time, proving full compliance to the testing standard. This data can be stored for later use or for detailed analysis of the concrete production.

USER SAFETY

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, 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	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 60 Hz 1 Ph
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

Spares/Consumables



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

Code: [6014A0062](#)



1000/500kN Motorised Compression/Tension Machine (complete with grips) 220-240V 50/60Hz 1Ph.

Code: 36-1410/01

Product Group: Compression Tension Machine

- Compression testing of concrete cubes and cylinders
- Calibration in compression is accurate to 1% of indicated load, satisfying BS EN ISO 7500-1; ASTM E4
- Self-aligning upper platen for compression tests
- Easily fitted grips for tension testing

The load frame is of high quality steel construction with a fixed upper head carrying a ball-seated platen. The ram carrying the lower platen is contained in the base of the frame and is protected by a shroud. Sufficient clearance between the platens allows the compression testing of concrete cylinders up to 160 mm diameter by 320 mm long. To allow for the compression testing of concrete cubes, a range of distance pieces is available.

Tension tests on steel reinforcing bars are conducted by replacing the platens with special grips. As standard the machine is supplied with the following size grips for testing bars, 10 mm, 12 mm, 20 mm, and 25 mm diameter. The machine is motorised, incorporating a change-over lever to select either compression or tension output from the pump.

Standards

BS EN ISO 7500-1, ASTM E4

Further Information

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

220-240V 50/60 Hz 1Ph.



Specimen Bearer Assembly

Code: [37-6330](#)

Product Group: [Flexural and Transverse Testing](#)

EN 12390-5, 1521, 13161, 772-6. Comprising 2 self-aligning upper roller bearers, 1 self-aligning and 1 fixed lower roller bearer. Roller bearers are 38 mm dia x 320 mm long and suitable for 3- or 4-point flexural testing of beams.

Standards

EN 12390-5, 1339, 1340

Further Information

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



100kN Flexural and Transverse (Flags) Frame. Supplied Without Specimen Bearers and Fitting Kit.

Code: 37-6140

Product Group: [Flexural and Transverse Testing](#)

- Open sided for ease of specimen loading
- Meets EN 1339, 1340 for kerbs and flagstones
- Optional ball seating assembly

This rigidly constructed, open sided frame is suitable for testing kerbs and flagstones to EN 1339,1340. With optional accessories it can also be used to test 100 mm and 150 mm section beams for flexural strength to EN 12390-5.

The frame supports a hydraulic ram and upper sub-platen assembly incorporating spherical seating. The upper and lower sub-platens will accept specimen loading bearers, which are supplied separately.

Further Information

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

Specification

Dimensions (l x w x h)	840 x 845 x 1215 (mm)
Vertical clearance with bearers	170 mm
Throat clearance	330 mm
Ram travel	330 mm
Weight	460 kg



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.

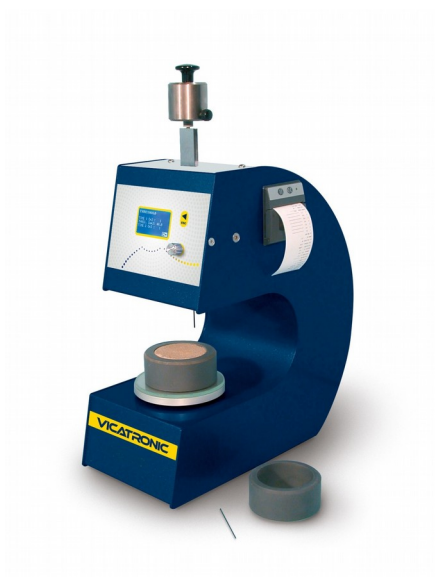
The unit is self contained with hydraulic pressure applied through a double-action hand pump to a ram fitted in the top of the frame making this an ideal portable onsite quality control machine. A 200 mm diameter load gauge, dual calibrated to 50 kN x 0.1 kN and 11000 lbf x 50 lbf graduations is fitted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

Standards

BS 1881-131

Further Information

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



Automatic Vicat Apparatus

Code: [38-2015/01](#)

Product Group: [Automatic Vicat](#)

Complete with EN and ASTM Initial and Final needles, Consistency Plunger, Windows(R) software and RS232 cable, 1 x EN and ASTM Mould and Glass Plate. Suitable for continuous use in saturated humidity, at a controlled temperature of $20^{\circ}\text{C} \pm 1^{\circ}\text{C}$.

Standards

ASTM C187, ASTM C191

Further Information

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

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

Spares/Consumables



ASTM Initial and Final Set Needle

Code: [38-2023](#)



Consistency Plunger

Code: [38-2015/16](#)



EN Initial and Final Set Needle

Code: 38-2021



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

Spares/Consumables



Bowl

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



Paddle

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



Feeding Hopper

Code: [39-1120](#)

Product Group: [Moulding of Prisms](#)

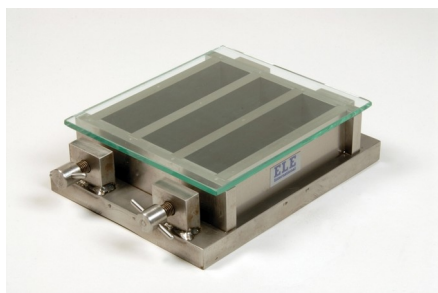
For 39-1100 Mould.

Standards

EN 196-1, EN 413-2, EN 459-2, EN 1744-1, EN 1015-10, EN 13454-2, ISO 679, BS 3892-1

Further Information

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



Three-gang Mould

Code: [39-1100](#)

Product Group: [Moulding of Prisms](#)

For 40.1 x 40 x 160 mm mortar prisms. This mould is manufactured to a very high specification. Supplied with glass plate.

Standards

EN 196-1, EN 413-2, EN 459-2, EN 1015-10, EN 13454-2, ISO 679, BS 3892-1, BS 4551-1

Further Information

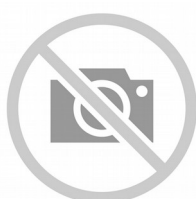
****NOT AVAILABLE FOR SALE IN THE USA****

Spares/Consumables



Glass Plate

Code: [39-1100/10](#)



Mortar Sand

Code: [39-1170](#)



Three-gang Mould

Code: [39-0410](#)

Product Group: [Moulding of 50 mm and 100 mm Specimens](#)

For 50mm mortar cubes. Manufactured from cast iron with simple cube release mechanism.

Standards

BS 1881-131, ASTM C109

Further Information

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



70.7 mm Cube Mould

Code: [39-0100](#)

Product Group: [Moulding of 70.7 mm Mortar Cubes](#)

Manufactured from steel to dimensions specified in the relevant British Standard. Supplied complete with baseplate. Three moulds required for each test.

Standards

BS 4550

Further Information

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



Briquette Mould

Code: [39-1000](#)

Product Group: [Moulding of Mortar Briquettes](#)

Manufactured to the dimensions in the relevant specification. Two part construction, supplied complete with baseplate.

Standards

ASTM C307

Further Information

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



Muffle Furnace

Code: 83-4170/01

Product Group: Furnaces, Loss-on-Ignition,
Loss-on-Ignition

Standards

EN 196-2, EN 459-2, EN 13454-2, BS 1016-4, ISO 344, ISO 1171, ASTM D2361, ASTM D2795, ASTM D3714

Specification

External Dimensions (l x w x h)	545 x 385 x 400 mm
Work chamber dimensions (l x w x h)	300 x 200 x 120 mm
Internal volume	6.9 litres
Maximum temperature	1200 °C
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Power supply	3500 W
Weight	130 kg