



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

This wishlist was generated on 29/06/2018, and contains the following Products:

78-2950/01

Hotplate

78-1215/01

50 Litre Drying Oven

78-1250/01

225 Litre Drying Oven

38-2015/01

Automatic Vicat Apparatus

38-2015/12

Needle Cleaning Device

38-2015/14

Printer Paper Rolls

38-2015/15

Mould Tank

38-3005

Le Chatelier Mould

38-3205

Extensibility of Mould Apparatus EN

38-3420/01

Le Chatelier Water Bath

38-3300

Tamping Rod

78-5325/01

Electronic Balance - 210g x 0.0001g

39-1170

Mortar Sand

24-9262

Swell Stand

39-0045/01

Automatic/Manual 5 litre nominal capacity Mortar Mixer

38-0620

Pure Mineral Oil 1 Litre Bottle.

38-0650

Filter Papers

38-1000

Blaine Air Permeability Apparatus

81-0518

Timer Clock

38-1000/10

Manometer U-tube

82-5420

Digital Pocket Thermometer

506-122

Hygrometer / Thermometer 100mm Diameter Dial 10-100% Rh -25 to +45 Deg C.

81-0521

Stopwatch

38-0645

Reference Cement



Hotplate

Code: 78-2950/01

Product Group: Hotplate

Further Information

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

Specification

Construction	Cast-iron top and base ventilated sheet-steel body
Nominal diameter	200 mm
Maximum temperature	500°C
Rated power	2000 W
Weight	5 kg



50 Litre Drying Oven

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

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

Standards

BS 2648, BS 598, BS 1377, BS 1924

Further Information

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

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](#)



Drying Oven 425 Litre Capacity

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



225 Litre Drying Oven

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

Product Group: [Percentage Refusal Density \(PRD\)](#),
[Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

Standards

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

Specification

Capacity	225 litres
External Dimensions (l x w x h)	540 x 1040 x 940
Internal Dimensions (l x w x h)	440 x 920 x 600
Fluctuation	± 0.75°C
Rated power heater elements	2000 W
Shelves supplied	3
Shelf positions	4
Weight	80 kg

Alternatives



100 Litre Drying Oven

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



150 Litre Drying Oven

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



50 Litre Drying Oven

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

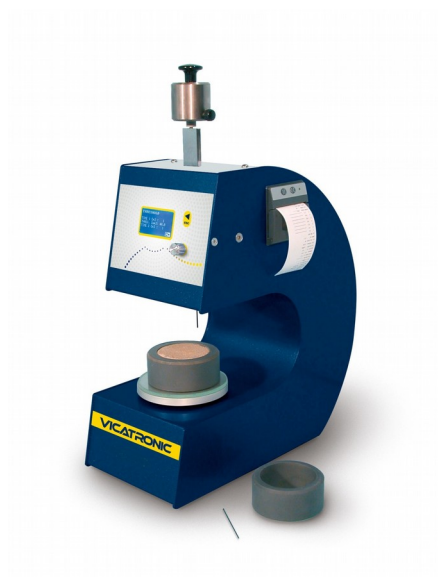
Product Sheet

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



Drying Oven 425 Litre Capacity

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



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

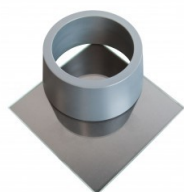
****NOT AVAILABLE FOR SALE IN THE USA****

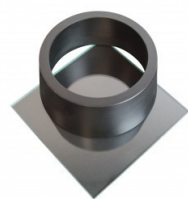
For 220 - 240 V AC, 50 - 60 Hz, 1 ph.

Accessories

ASTM Vicat Mould

Code: [38-2660](#)





EN Vicat Mould

Code: [38-2300](#)



Mould Tank

Code: [38-2015/15](#)



Needle Cleaning Device

Code: [38-2015/12](#)



Printer Paper Rolls

Code: [38-2015/14](#)



Vicat Mould

Code: [38-2200](#)

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](#)



Needle Cleaning Device

Code: [38-2015/12](#)

Product Group: [Automatic Vicat](#)

Accessory.

Standards

ASTM C187, ASTM C191

Further Information

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



Printer Paper Rolls

Code: [38-2015/14](#)

Product Group: [Automatic Vicat](#)

Accessory: pack of 10.

Standards

ASTM C187, ASTM C191, EN 196-3, EN 13454-2

Further Information

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



Mould Tank

Code: [38-2015/15](#)

Product Group: [Automatic Vicat](#)

Accessory: for testing samples under water as per EN 196-3, for use in temperature controlled laboratories.

Standards

ASTM C187, ASTM C191

Further Information

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



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



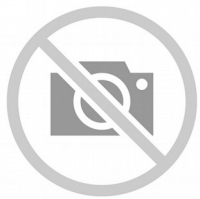
Extensibility of Mould Apparatus EN

Code: 38-3205



Le Chatelier Water Bath

Code: 38-3420/01



Tamping Rod

Code: [38-3300](#)



Trowel - Gauging

Code: [81-0335](#)



Extensibility of Mould Apparatus EN

Code: 38-3205

Product Group: General Expansion of Dry Hydrated Lime by the Le Chatelier Method

Conforms to EN196-3, 459-2. The unit comprises a metal sleeve with a hook and set screw to fit over one of the mould pointers, and a clamp to fit onto the other pointer of the mould. Supplied complete with one weight 300 g \pm 1 g.

Standards

EN 196-3

Further Information

NOT AVAILABLE FOR SALE IN THE USA

Accessories



Tamping Rod

Code: 38-3300

Alternatives



Tamping Rod

Code: 38-3300



Le Chatelier Water Bath

Code: [38-3420/01](#)

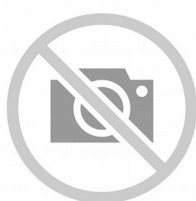
Product Group: [Soundness of Cement Paste by the Le Chatelier Method, Soundness](#)

Manufactured from corrosion resistant material, complete with a removable rack to hold up to twelve moulds and timer unit.

Further Information

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

Accessories



Extensibility of Mould Apparatus BS

Code: [38-3200](#)



Tamping Rod

Code: [38-3300](#)



Trowel - Gauging

Code: [81-0335](#)

Alternatives



Extensibility of Mould Apparatus BS

Code: [38-3200](#)



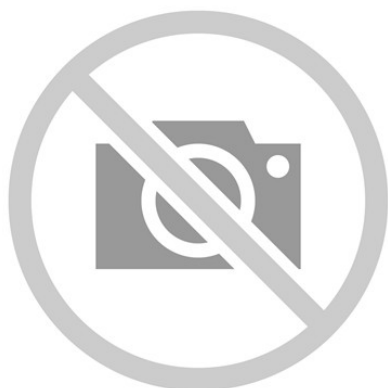
Tamping Rod

Code: [38-3300](#)



Trowel - Gauging

Code: [81-0335](#)



Tamping Rod

Code: 38-3300

Product Group: General Expansion of Dry Hydrated
Lime by the Le Chatelier Method

17 mm end diameter.

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

Alternatives



Extensibility of Mould Apparatus BS

Code: 38-3200



Extensibility of Mould Apparatus EN

Code: 38-3205



Le Chatelier Water Bath

Code: 38-3420/01



Electronic Balance - 210g x 0.0001g

Code: 78-5325/01

Product Group: [Electronic Balances](#)

Innovative design enables a compact footprint, so it occupies minimal space but retains a high level of performance. The base is formed from a single piece of extruded aluminum, a material that provides superior temperature regulation. The single-piece construction offers greater stability, producing highly repeatable results. The weighing sensor is crafted from a single block, and contains fewer parts than a traditional force motor balance. This optimized internal mechanism is fabricated using hardened materials, helping tolerate rigorous laboratory use. Efficiency in the mechanics, plus improved processing power of the electronics, leads to excellent performance.

Hardware

- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- Robust metal housing protects internal components in harsh environments
- Sealed keypad protects against dirt and spills
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Large, grade 304 stainless steel pan allows easy cleaning
- Vivid, backlit LCD easily visible in any lighting conditions
- Lockdown device to secure balance

Software

- External calibration allows for verification and adjustment with weights
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Selectable digital filtering helps minimise effects of vibration and disturbances
- Multilingual display allows use in many different countries

Display

- Vivid, backlit LCD easily visible in any lighting conditions

Further Information

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

Specification

Capacity resolution	210 g x 0.0001 mg
Pan size	90 mm dia
Dimensions (w x d x h)	220 x 340 x 344 mm
Weight	5.25 kg
Weighing units	g, mg, ct, GN, N, oz, ozt, dwt, T, custom unit
Repeatability	0.0002 g



Mortar Sand

Code: [39-1170](#)

Product Group: [Moulding of Prisms](#)

Graded pack for 3 prisms. 1350g pack.

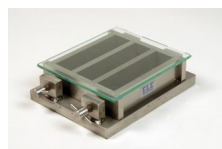
Standards

EN 196-1, EN 413-2, EN 459-2, EN 1744-1, EN 1015-10, EN 1015-11, EN 13454-2, ISO 679, BS 3892-1, BS 4551-1

Further Information

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

Accessories



Three-gang Mould

Code: [39-1100](#)



Swell Stand

Code: [24-9262](#)

Product Group: [Expansion \(swell\) Test Equipment, Tripod Attachment](#)

For mounting Swell Dial Gauge in position on CBR mould collar.

Standards

ASTM D1883, AASHTO T193

Further Information

Requires dial indicator; not included, order separately

Specification

Construction	Machined, one-piece cast aluminum.
Contact Head	Integral part of ssembly; holds dial indicator.
Construction	2" I. (50.8 mm) included.
Weight	Net 1 lb. (0.4 kg).

Accessories



Mechanical Dial Indicator - 25 mm Range Clockwise Movement

Code: [88-4110](#)

Spares/Consumables



Dial Indicator - 1.0" Range

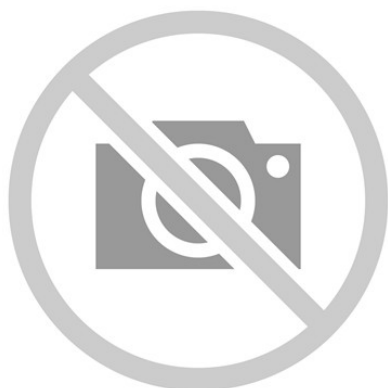
Code: [88-4100](#)

Alternatives



Electronic Digital Indicator, 1.0"/25.4 mm range

Code: [88-4220](#)



Automatic/Manual 5 litre nominal capacity Mortar Mixer

Code: 39-0045/01

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 EN 196. 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.

Further Information

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

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

Specification

Dimensions (l x w x h)	810 x 610 x 750 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	75 kg



Pure Mineral Oil 1 Litre Bottle.

Code: [38-0620](#)

Product Group: [Blaine Fineness Apparatus](#),
[Determination of Fineness Blaine Apparatus](#)

Standards

EN 196-21, ASTM C204



Filter Papers

Code: [38-0650](#)

Product Group: [Determination of Fineness Blaine Apparatus](#)

Accessory: 12.7mm diameter. Box of 100.

Standards

ASTM C204

Further Information

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



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



Reference Cement

Code: 38-0640

Spares/Consumables



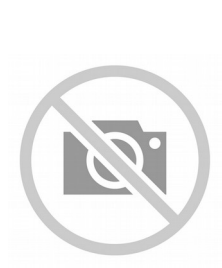
Aspirator

Code: 38-0500/11



Blaine Air Permeability Cell

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



Filter Paper

Code: [38-0652](#)



Manometer U-tube

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



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****



Manometer U-tube

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

Product Group: [Blaine Fineness Apparatus](#),
[Determination of Fineness Blaine Apparatus](#)

Spare.

Standards

ASTM C204



Digital Pocket Thermometer

Code: [82-5420](#)

Product Group: [Digital Pocket Thermometer](#)

The stainless steel probe carries a highly accurate platinum sensor and when not in use folds back into the side of the instrument. With a clear 8 mm high LCD display this instrument is powered by a standard 12 V MN21 battery or equivalent.

Further Information

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

Specification

Dimensions (l x w x h)	150 x 45 x 19 mm
Range	-49.9 to 199.9°C
Resolution	0.1°C
Accuracy	±0.4°C
Weight	105 g



Hygrometer / Thermometer 100mm Diameter Dial 10-100% Rh -25 to +45 Deg C.

Code: [506-122](#)

Product Group: [Humidity measurement](#)

A precision instrument using specially treated strands of human hair to measure relative humidity. The 100 mm diameter gauge covers the range 10 to 100% RH. A separate set hand with a centre button is fitted to the case to enable the user to monitor changes. Can be wall-mounted or fitted inside a Stevenson screen.



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



Reference Cement

Code: [38-0645](#)

Product Group: [Determination of Fineness Blaine Apparatus](#)

Accessory: 5g sachet.

Standards

ASTM C204, AASHTO T153

Further Information

Available from U.K factory