



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

This wishlist was generated on 10/11/2017, and contains the following Products:

---

EL3020E

**Slump Test Set**

---

34-0300/01

**Vibro Consistometer**

---

34-2856

**Unit Weight Measure 1 cu. Ft. Capacity**

---

34-2850

**Unit Weight Measure 1/10 cu. Ft. Capacity**

---

34-6250/01

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

---

34-6575/01

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

---

35-1500

**Advanced SilverSchmidt Concrete Test Hammer**

---

38-3005

**Le Chatelier Mould**

---

38-3420/01

**Le Chatelier Water Bath**

---

38-1200

**Le Chatelier Flask**

---

39-0035/01

**Automatic/Manual 5 litre nominal capacity Mortar Mixer**

---

38-1000

**Blaine Air Permeability Apparatus**

---

38-2012

**Vicat Apparatus**

---

38-7087

## Air Entrainment Meter

---

24-1800

### Shrinkage Mould to BS 1377

---

38-6004/02

### 10" Motorized Flow Table

---

80-0405/01

### Aggregate Screen Shaker - Hydraulic Operation 230vAC

---

23-3425

### Large Capacity Sample Splitter.

---

23-3000

### Riffle Box 7mm Slot Width Complete with Three Containers.

---

23-3150

### Riffle Box 25mm Slot Width Complete with Three Containers.

---

42-0600

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

---

42-0820

### Length Gauge

---

42-0821

### 3.1 Shape Index Caliper.

---

42-4300

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

---

42-4500

### 75mm 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

---

42-2000

### Bulk Density Measure 7 Litre

---

---

34-8100/09

**Buoyancy Balance 16Kg X 0.1G**

---

42-5305/01

**Los Angeles Abrasion Machine Meets ASTM and European Standards.  
220-240V 50Hz 1Ph.**

---

88-0110/02

**Standard Muffle Furnace**

---

78-1250/01

**225 Litre Drying Oven**

---

78-3104/01

**Digital Hotplate**

---



## 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

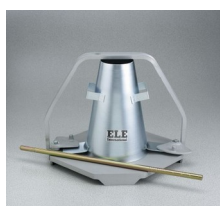
Code: [34-0180](#)

## Alternatives



## K-slump Tester

Code: [34-0580](#)



## Portable Slump Test Set

Code: [EL3010E](#)



## 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\*\***

## Accessories



## Aluminium Scoop Large

Code: [81-0220](#)



## Sample Tray - 1200 x 1160 x 50 mm

Code: [81-4230](#)



## Shovel - With flat blade

Code: [81-0240](#)





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

Code: [34-0130](#)



## Transparent Disc for Vibro Consistometer 34-0300

Code: [34-0300/10](#)

## Spares/Consumables



## Stopwatch

Code: [81-0521](#)



## Unit Weight Measure 1 cu. Ft. Capacity

Code: 34-2856

Product Group: Unit Weight Measures, Unit Weight Measures

1 cu. Ft. Capacity

## Standards

ASTM C29

## Specification

Construction	Cast aluminum; machined inside; with handles.
Top Rim	Machined smooth; parallel with bottom.
Inner Dimensions	14" (355 mm) i.d. x 11.2" (284.4 mm) inside h.
Weights	Net 26-1/2 lbs. (12 kg).





## Unit Weight Measure 1/10 cu. Ft. Capacity

Code: 34-2850

Product Group: Unit Weight Measures, Unit Weight Measures

1/10 cu. Ft. Capacity

## Standards

ASTM C29

## Specification

Construction	Cast aluminum; machined inside; with handles.
Top Rim	Machined smooth; parallel with bottom.
Inner Dimensions	6.1" (152 mm) i.d. x 6.1" (154.9 mm) inside h.
Weights	Net 6-1/2 lbs. (2.9 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 <sup>2</sup>
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](#)



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

Code: [34-6575/01](#)

Product Group: [Expansion \(swell\) Test Equipment, Large Curing Tank](#)

This Large Curing Tank is supplied complete with a submersible pump, immersion heater/thermostat unit and separate control panel. The tank includes a lower rack as standard and is designed to maintain the temperature at  $20 \pm 2^{\circ}\text{C}$ , providing that the ambient temperature does not fall below  $15^{\circ}\text{C}$  or rise above  $20^{\circ}\text{C}$ .

## Standards

EN 12390-2, ASTM C31, AASHTO T23

## Further Information

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

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

## Specification

Internal Dimensions	1040 x 1040 x 605 mm (l x w x h)
Capacity	650 litres
Rated Power	2000 watt
Weight	60 kg

## Accessories



### Maximum and Minimum Thermometer

Code: [82-5310](#)

## Alternatives



## Jolting Table 220 - 240 V AC 60 Hz

Code: 39-1150/06





## 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/mm<sup>2</sup>, 1'450 psi) and high strength concrete (up to 100 N/mm<sup>2</sup>, 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/mm<sup>2</sup>, kg/cm<sup>2</sup>, 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 <sup>2</sup> (1450-14500 psi)
Weight	570 g (1.4 lb)



## 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](#)



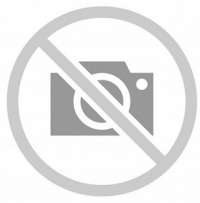
### Extensibility of Mould Apparatus EN

Code: [38-3205](#)



## Le Chatelier Water Bath

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



## Tamping Rod

Code: [38-3300](#)



## Trowel - Gauging

Code: [81-0335](#)



## 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

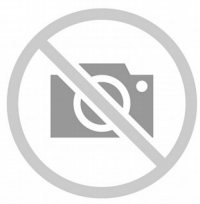
Code: [38-3300](#)



### Trowel - Gauging

Code: [81-0335](#)

## Alternatives



## Extensibility of Mould Apparatus BS

Code: [38-3200](#)



## Tamping Rod

Code: [38-3300](#)



## Trowel - Gauging

Code: [81-0335](#)



## 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](#)



## 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.

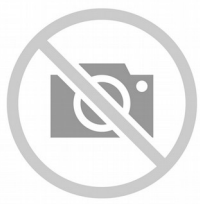
## Specification

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

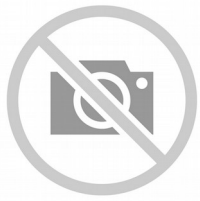
# Product Sheet

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



## Bowl Cover

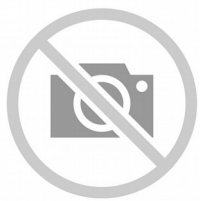
Code: [39-0060](#)



## Scraper

Code: [39-0065](#)

## Spares/Consumables



## Bowl

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



## Paddle

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



## 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

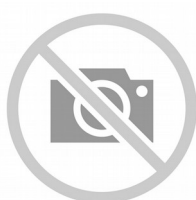
Code: [38-0645](#)

## 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).

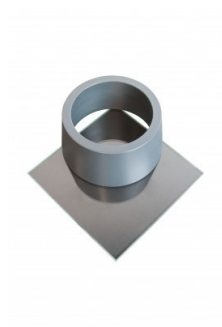
## Accessories

### ASTM Initial Set Needle

Code: [38-2620](#)







## ASTM Vicat Mould

Code: 38-2660



## Air Entrainment Meter

Code: [38-7087](#)

Product Group: [Air Content of Mortar, Masonry  
Cement and Lime by the Pressure Method](#)

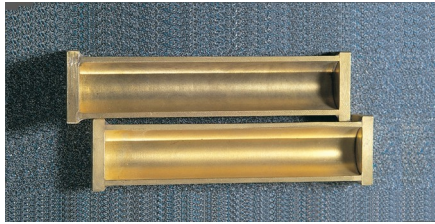
0.75 litre capacity, complete with integral pump.

## Standards

EN 413-2, BS 459-2

## Further Information

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



## Shrinkage Mould to BS 1377

Code: [24-1800](#)

Product Group: [Linear Shrinkage](#)

To produce a specimen 140 mm long x 12.5 mm radius.

## Standards

BS 1377

## Accessories



## Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: [81-0588](#)



## 10" Motorized Flow Table

Code: [38-6004/02](#)

Product Group: [10" Flow Table](#)

Motorized, includes flow mold. Cast-bronze table for corrosion resistance and long life.

- Heavy-duty frame construction.
- Supplied complete with bronze flow mold.
- 110V 60Hz

## Further Information

The Flow Table is designed in accordance with ASTM and AASHTO specifications for use in determining the flow of hydraulic cement mortars and cement pastes.

In operation the test specimen is molded on the table to a specified volume and shape. With the mold removed, the table is dropped a specified number of times. Upon completion of the test, the flow, (or increase in average diameter) is measured.

## Specification

Weight	5.58 kg
Shipping length	19 in
Shipping width	4.4 in
Shipping height	4.3 in
Electrical supply	110V, 60Hz, 1Ph.

## Accessories



### ASTM Calipers

Code: [38-6080](#)



### Flow Mould

Code: [38-6040](#)



## Aggregate Screen Shaker - Hydraulic Operation 230vAC

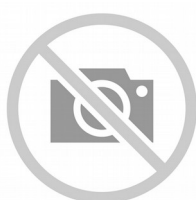
Code: 80-0405/01

Product Group: Aggregate Screen Shakers

### Specification

Capacity	1 cu. ft. (0.03 m3).
Motor	Capacitor-type; 1/3 h.p. with overload protection.
Tray Dimensions	Screen Area: 14 -3/4" x 22 -3/4" (375 x 578 mm). Overall: 18" x 26" (457 x 660 mm).
Trays	Steel wire cloth; five included: 2", 1-1/2", 1", 3/4", 1/2" plus dustpan tray.
Overall Dimensions	23" w. x 31" d. x 43" h. (584 x 787 x 1,092 mm).
Weight	Shpg. 500 lbs. (227 kg).

### Accessories



#### Door Enclosure

Code: 80-0410

### Alternatives



## Aggregate Screen Shaker - Hydraulic Operation 115vAC

Code: [80-0405/02](#)

---



## Aggregate Screen Shaker - Manual Operation - 115vAV

Code: [80-0400/02](#)

---



## Aggregate Screen Shaker - Manual Operation - 230vAC

Code: [80-0400/01](#)



## 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](#)



## Riffle Box 7mm Slot Width Complete with Three Containers.

Code: [23-3000](#)

Product Group: [Riffle Boxes \(Sample Dividers\)](#)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 4.5 mm. EN recommended maximum particle size of 3.5 mm. Includes 12 slots each with a 7 mm slot width and an overall approximate capacity of 0.3 litres.

## Standards

BS 1377, BS 1924, BS 812, EN 932-1

## Specification

Recommended max particle size BS	4.5
Recommended max particle size EN	3.5
Slot width mm	7
No. of slots	12
Approx. capacity kg	0.3
Weight kg	1.5

## Alternatives



## Riffle Box 13mm Slot Width Complete with Three Containers.

Code: [23-3050](#)



## Riffle Box 15mm Slot Width Complete with Three Containers.

Code: [23-3070](#)



## Riffle Box 19mm Slot Width Complete with Three Containers.

Code: [23-3100](#)



## Riffle Box 25mm Slot Width Complete with Three Containers.

Code: [23-3150](#)



## Riffle Box 30mm Slot Width Complete with Three Containers.

Code: [23-3170](#)



## Riffle Box 38mm Slot Width Complete with Three Containers.

Code: [23-3200](#)



## Riffle Box 50mm Slot Width Complete with Three Containers.

Code: [23-3300](#)



## Riffle Box 64mm Slot Width Complete with Three Containers.

Code: [23-3350](#)



## Riffle Box 25mm Slot Width Complete with Three Containers.

Code: [23-3150](#)

Product Group: [Riffle Boxes \(Sample Dividers\)](#)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 16.5 mm. EN recommended maximum particle size of 12.5 mm. Includes 10 slots each with a 25 mm slot width and an overall approximate capacity of 4 litres.

## Standards

BS 1377, BS 1924, BS 812, EN 932-1

## Specification

Recommended max particle size BS	16.5
Recommended max particle size EN	12.5
Slot width mm	25
No. of slots	10
Approx. capacity kg	4
Weight kg	11.5

## Alternatives



## Riffle Box 13mm Slot Width Complete with Three Containers.

Code: [23-3050](#)



## Riffle Box 15mm Slot Width Complete with Three Containers.

Code: [23-3070](#)



## Riffle Box 19mm Slot Width Complete with Three Containers.

Code: [23-3100](#)



## Riffle Box 30mm Slot Width Complete with Three Containers.

Code: [23-3170](#)



## Riffle Box 38mm Slot Width Complete with Three Containers.

Code: [23-3200](#)



## Riffle Box 50mm Slot Width Complete with Three Containers.

Code: [23-3300](#)



## Riffle Box 64mm Slot Width Complete with Three Containers.

Code: [23-3350](#)



## Riffle Box 7mm Slot Width Complete with Three Containers.

Code: [23-3000](#)



## 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\*\***

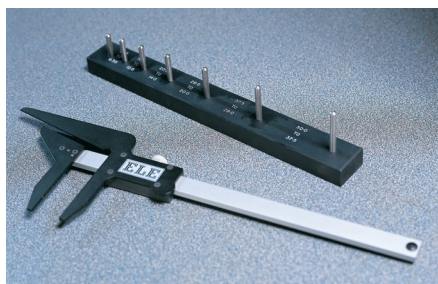
## Alternatives



## Length Gauge

Code: [42-0820](#)





## 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: 80-0200/06



## ELE Sieve Shaker

Code: 80-0200/01



## Sample Tray - 1200 x 1160 x 50 mm

Code: [81-4230](#)



## Sample Tray - 406 x 406 x 50 mm

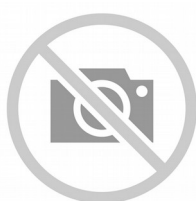
Code: [81-4030](#)



## Shovel - With flat blade

Code: [81-0240](#)

## Alternatives



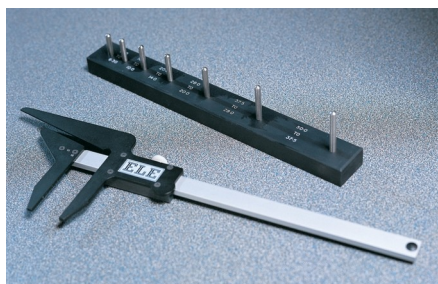
## Flakiness Gauge.

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](#)



## 3.1 Shape Index Caliper.

Code: [42-0821](#)

Product Group: [Determination of the Shape Index](#)

Designed to measure the ratio of length to width of individual aggregate particles.

## Standards

EN 933-4

## Further Information

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

## Accessories



### 200 mm Diameter Lid

Code: [79-0010](#)



### 200 mm Diameter Receiver

Code: [79-0020](#)



### 200mm Dia BS Sieve 1.00mm Stainless Steel Mesh.

Code: [79-0230](#)



## 200mm Dia BS Sieve 125Mic Stainless Steel Mesh.

Code: [79-0110](#)

---



## 200mm Dia BS Sieve 2.00mm Stainless Steel Mesh.

Code: [79-0270](#)

---



## 200mm Dia BS Sieve 250Mic Stainless Steel Mesh.

Code: [79-0150](#)

---



## 200mm Dia BS Sieve 4.00mm Perforated Plate.

Code: [79-1500](#)

---



## 200mm Dia BS Sieve 500Mic Stainless Steel Mesh.

Code: [79-0190](#)

---



## 200mm Dia BS Sieve 63 Mic Stainless Steel Mesh.

Code: [79-0070](#)

---



## 200mm Dia BS Sieve 8.00mm Perforated Plate.

Code: [79-1540](#)

---



## 300mm Dia BS Sieve 125mm Perforated Plate.

Code: [79-2710](#)

---



## 300mm Dia BS Sieve 16.0mm Perforated Plate.

Code: [79-2580](#)

---



## 300mm Dia BS Sieve 31.5mm Perforated Plate.

Code: [79-2630](#)

---



## 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 - 406 x 406 x 50 mm

Code: 81-4030



## Sieve Brush Nylon

Code: [79-7210](#)



## 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



## 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](#)



## 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\*\***



## Bulk Density Measure 7 Litre

Code: [42-2000](#)

Product Group: [Bulk Density Measures](#)

7 litre capacity

## Standards

BS 812

## Further Information

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



## Buoyancy Balance 16Kg X 0.1G

Code: [34-8100/09](#)

Product Group: [Hardened Concrete - Buoyancy Balance, Percentage Refusal Density \(PRD\)](#)

Includes:

- Lifting frame for Buoyancy balances
- Expansion tank 4 gallon capacity
- Electronic Balance 16kg x 0.1g with auto density calculation

## Standards

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

## Further Information

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

## Accessories



### Cradle

Code: [34-8105](#)

## Spares/Consumables



### Expansion Tank 4 Gallon Capacity

Code: [9004X0058](#)



## Los Angeles Abrasion Machine Meets ASTM and European Standards. 220-240V 50Hz 1Ph.

Code: [42-5305/01](#)

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

EN 1097-2, ASTM C131, ASTM C535, AASHTO T96, NF P18-573

## Further Information

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

## 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 EN)

Code: [42-5305/10](#)

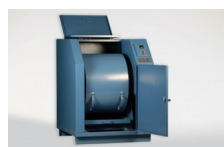


## Alternatives



### Los Angeles Abrasion Machine with CE Safety Cabinet W/ Microswitches. 220-240V 50Hz 1Ph.

Code: [42-5310/01](#)



### Los Angeles Abrasion Machine with CE Safety Cabinet W/ Microswitches. 220-240V 60Hz 1Ph.

Code: [42-5310/06](#)



## Standard Muffle Furnace

Code: 88-0110/02

Product Group: Standard Muffle Furnace

### ELECTRICAL RATINGS:

Model  
Volts  
Amps  
Watts  
Phase  
Frequency

FB1315M  
120  
8.8  
1050  
1  
50/60

### TEMPERATURE:

Operating range (continuous): 982°C; (intermittent): 1100°C

### ENVIRONMENTAL CONDITIONS:

Operating: 17°C - 27°C; 20% - 80% relative humidity, non-condensing. Installation Category II (over-voltage) in accordance with IEC 664. Pollution Degree 2 in accordance with IEC 664. Altitude limit: 2,000 meters.

Storage: -25°C - 65°C; 20% - 80% relative humidity.

## Specification

Temperature Range	982°C - 1100°C
Heating Time	To 871°C (1,600°F) in approximately 40 minutes.
Input Control	Selects from 5 to 100% of full rated input.
Heating Elements	Embedded on three sides.
Door	Swing-down type with safety switch.
Inner Dimensions	4" w. x 4.5" d. x 3.75" h. (10 x 11 x 9.5 mm).
Overall Dimensions	7.9" w. x 8.5" d. x 13.2" h. (254 x 279 x 368 mm).
Weight	Net 15.4 lbs. (7 kg); Shpg. 26 lbs. (12 kg).



## 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](#)



## 425 Litre Drying Oven

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

## Product Sheet

[www.ele.com](http://www.ele.com)  
+44 (0) 01525 249 200



### 50 Litre Drying Oven

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



## Digital Hotplate

Code: 78-3104/01

Product Group: Digital Hotplate

## Further Information

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

## Specification

Dimensions	520 x 360 x 130 mm
Construction	Robust metal with anodised aluminium plate heated surface
Maximum temperature	300 x 1°C
Rated power	1500 W