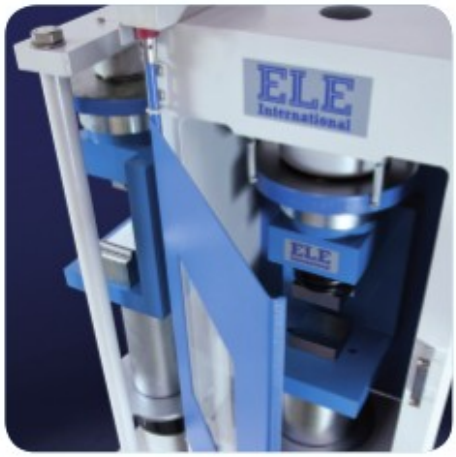
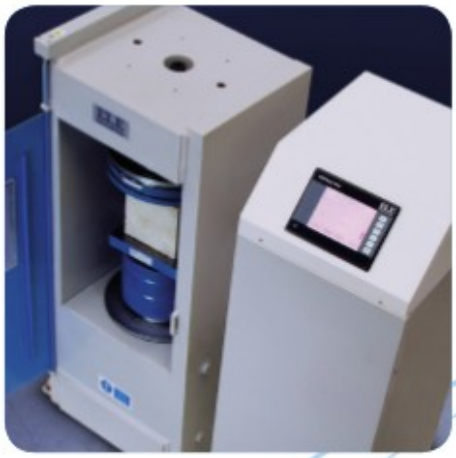


ELE INTERNATIONAL



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

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Contents

This wishlist was generated on 27/01/2020, and contains the following Products:

Contents

Contents

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. capactiy kg	0.3
Weight kg	1.5

Riffle Box 13mm Slot Width Complete with Three Containers.

Code: 23-3050

Product Group: Riffle Boxes (Sample Dividers)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 8.5 mm. EN recommended maximum particle size of 6.5 mm. Includes 12 slots each with a 13 mm slot width and an overall approximate capacity of 2 litres.

Standards

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

Specification

Recommended max particle size BS	8.5
Recommended max particle size EN	6.5
Slot width mm	13
No. of slots	12
Approx. capactiy kg	2
Weight kg	6

Riffle Box 15mm Slot Width Complete with Three Containers.

Code: 23-3070

Product Group: Riffle Boxes (Sample Dividers)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 10 mm. EN recommended maximum particle size of 7.5 mm. Includes 12 slots each with a 15 mm slot width and an overall approximate capacity of 2 litres.

Standards

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

Specification

Recommended max particle size BS	10
Recommended max particle size EN	7.5
Slot width mm	15
No. of slots	12
Approx. capactiy kg	2
Weight kg	8

Riffle Box 19mm Slot Width Complete with Three Containers.

Code: 23-3100

Product Group: Riffle Boxes (Sample Dividers)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 12.5 mm. EN recommended maximum particle size of 9.5 mm. Includes 10 slots each with a 19 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	12.5
Recommended max particle size EN	9.5
Slot width mm	19
No. of slots	10
Approx. capactiy kg	4
Weight kg	9

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. capactiy kg	4
Weight kg	11.5

Riffle Box 30mm Slot Width Complete with Three Containers.

Code: 23-3170

Product Group: Riffle Boxes (Sample Dividers)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 20 mm. EN recommended maximum particle size of 15 mm. Includes 10 slots each with a 30 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	20
Recommended max particle size EN	15
Slot width mm	30
No. of slots	10
Approx. capactiy kg	4
Weight kg	17.5

Riffle Box 38mm Slot Width Complete with Three Containers.

Code: 23-3200

Product Group: Riffle Boxes (Sample Dividers)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 25 mm. EN recommended maximum particle size of 19 mm. Includes 8 slots each with a 38 mm slot width and an overall approximate capacity of 11 litres.

Standards

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

Specification

Recommended max particle size BS	25
Recommended max particle size EN	19
Slot width mm	38
No. of slots	8
Approx. capactiy kg	11
Weight kg	17.5

Riffle Box 50mm Slot Width Complete with Three Containers.

Code: 23-3300

Product Group: Riffle Boxes (Sample Dividers)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 33 mm. EN recommended maximum particle size of 25 mm. Includes 8 slots each with a 50 mm slot width and an overall approximate capacity of 14 litres.

Standards

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

Specification

Recommended max particle size BS	33
Recommended max particle size EN	25
Slot width mm	50
No. of slots	8
Approx. capactiy kg	14
Weight kg	22.5

Riffle Box 64mm Slot Width Complete with Three Containers.

Code: 23-3350

Product Group: Riffle Boxes (Sample Dividers)

Manufactured from heavy-gauge sheet metal. BS recommended maximum particle size of 42.5 mm. EN recommended maximum particle size of 32 mm. Includes 8 slots each with a 64 mm slot width and an overall approximate capacity of 18 litres.

Standards

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

Specification

Recommended max particle size BS	42.5
Recommended max particle size EN	32
Slot width mm	64
No. of slots	8
Approx. capactiy kg	18
Weight kg	27

Slump Test Set BS & ASTM. C/W Slump Cone Base Plate Steel Rule Tamping Rod & Funnel.

Code: 34-0192
Product Group: Slump Test

Test is appropriate for concrete mixes of medium and high workability.

The test is carried out by filling the slump cone with freshly mixed concrete, which is tamped with a steel rod in three layers. The concrete is levelled off with the top of the slump cone, the cone removed, and the slump of the sample is immediately measured.

BS and ASTM comprising of slump cone, base plate, steel rule, tamping rod and funnel.

Further Information

NOT AVAILABLE FOR SALE IN THE USA

Bulk Density Measure 30 Litre

Code: 34-2800

Product Group: Bulk Density Measures, Fresh Concrete - Bulk Density Measures

Manufactured from heavy gauge steel these bulk density measures comply with the requirements of either BS 812 or ASTM C-29. Other than the 3 litre size, all measures incorporate carrying handles as standard.

Complies to: ASTM C138, ASTM C29, BS 812, EN 1097-3, EN 12350-6

Standards

BS 812, EN 1097-3, EN 12350-6, ASTM C138

Further Information

NOT AVAILABLE FOR SALE IN THE USA

For other bulk density measures see the aggregates section

Bulk Density Measure 10 Litre

Code: 34-2830

Product Group: Bulk Density Measures, Fresh Concrete - Bulk Density Measures

Manufactured from heavy gauge steel these bulk density measures comply with the requirements of either BS 812, EN 1097-3, 12350-6 or ASTM C138. All measures incorporate carrying handles as standard.The measures are coated against corrosion.

Standards

EN 12350-6, ASTM C138, EN 1097-3

Further Information

NOT AVAILABLE FOR SALE IN THE USA

For other bulk density measures see the aggregates section

Compacting Bar 25mm Sq X 380mm

Code: 34-2910

Product Group: Accessories for Concrete Moulds, Precision Air Entrainment Meter

Steel, 380 x 25 mm (length x square) tamping area, EN/BS.

Standards

EN 12390-1

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.

Complies to BS 1881-125.

Further Information

NOT AVAILABLE FOR SALE IN THE USA

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

Dimensions: 950 x 1050 x 1250 (mm)

Weight (Approx.) 255 kg

Power: 1500 W

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

Code: 34-6250/01
Product Group: Vibrating Table

The ELE vibrating table is a compact unit providing controlled vibro-compaction in the laboratory, using cube or cylinder moulding equipment.

Vibrating table mounted on a steel stand, supplied with clamp assembly.

Complies to EN 12390-2, EN 12350-6 (BS 1881-107), EN 12350-7 (BS 1881-106)

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

Buoyancy Balance 16 kg X 0.1 G

Code: 34-8100/09

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

The density of hardened concrete specimens such as cubes and cylinders can be quickly and accurately determined using a Buoyancy Balance. The Buoyancy Balance system developed by ELE consists of a rigid support frame, incorporating a water tank mounted on a platform. The water tank has internal dimensions of 380 x 240 x 280 mm (L x W x H). A mechanical lifting device is used to raise the water tank through the frame height immersing the specimen suspended below the balance. The balance supplied calculates the specific gravity of the sample automatically. The balance may also be used as a standard weighing device, thus providing a versatile and comprehensive weighing system in the laboratory.

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

Advanced Cover Meter

Code: 35-2304/09
Product Group: Rebar Detection, Surface Hardness

Advanced cover meter based on the new generation touchscreen with universal probe and scan cart. An enhanced correction factor for maximum cover accuracy on congested rebar arrangements. Dedicated functionalities for mapping concrete cover and for reporting any 2D rectangular rebar arrangement.

Highest cover measurement accuracy ever through Artificial Intelligence (AI) feature.

Full 2D rebar visualisation with detailed cover, rebar size and spacing data for fast reporting.

Applications include: locate rebars before drilling, cutting and coring, spot check of cover and rebar size, measurements on rough surfaces with scan cart, measuring wide areas over long distances, conformity check of new buildings, fire resistance assessment, investigation on unknown structures and complete imaging of rebar geometry.

Specification

Cover measuring range	Up to 185 mm
Cover measuring accuracy	± 1 to 4 mm, depending on cover
Path measuring accuracy on smooth surface	0.5 to 1.0 % of measured length
Diameter measuring range	Up to 63 mm
Diameter measuring accuracy	± 1 rebar size

Universal Testing Machine, automatic, 500 kN tension / 1000 kN compression

Code: 36-1415/01
Product Group: Industrial Universal Testing Machines

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

Code: 42-1005

Product Group: Particle Density (specific gravity) and Water Absorption for Coarse Aggregates

Relative Density 200 mm diameter x 190 mm deep, 1.70 mm wire mesh.

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

Standards

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

Further Information

NOT AVAILABLE FOR SALE IN THE USA

Aggregate Impact Value Apparatus

Code: 42-4005

Product Group: Aggregate Impact Value (AIV), Aggregate Impact Value (AIV)

The apparatus has been designed in a particularly heavy duty form, with specially hardened steel surfaces for minimum wear. The assembly is heavily plated to ensure corrosion resistance and forms a rigid frame around the quick-release trigger mechanism, which ensures an effective free fall of the hammer when released. A built-in counter automatically indicates the number of blows delivered. The apparatus is supplied complete with cylindrical measure 75 mm diameter x 50 mm deep, and a steel tamping rod 16 mm diameter x 600 mm long.

Complies to BS 812-112

Set of 12 Abrasive Charges (ASTM).

Code: 42-5300/10

Product Group: Los Angeles Abrasion Machine, Los Angeles Abrasion Machine

ASTM Set of 12.

Standards

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

Set of 12 Abrasive Charges EN)

Code: 42-5305/10
Product Group: Los Angeles Abrasion Machine

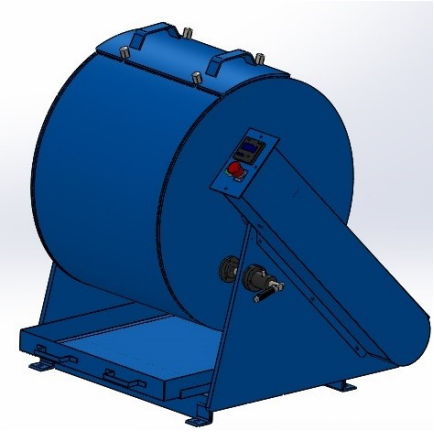
EN Set of 12.

Standards

EN 1097-2, ASTM C131, ASTM C535

Further Information

NOT AVAILABLE FOR SALE IN THE USA



Los Angeles Abrasion Apparatus

Code: 42-5315/01
Product Group: N/A

The Los Angeles Abrasion comprises a heavy steel cylinder, rotated about its horizontal axis. The cylinder incorporates a removal internal shelf. Two alternative shelf positions are provided, one for ASTM and one for the EN test method. The los Angeles Abrasion Machine's heavy duty steel cylinder is manufactured from structural steel plate. The filling aperture is provided with a cover. The machine is fitted with a digital revolution counter and steel tray for specimen unloading. It is also supplied with one set of abrasive charges as standard.

Applicable standards:

- ASTM C 131
- C535
- EN 1097-2
- AASHTO T96

Optional accessories: Abrasive charge , consisting of a set of 12 hardened steel balls of 48 mm dia.

Available in 220 V, 50Hz and 220 V, 60Hz.

Digital Point-Load Test Apparatus

Code: 77-0115

Product Group: Digital Point Load Tester, Point-Load Strength Test

Originally developed at Imperial College, London, the apparatus comprises a two-column fixed crosshead frame and a hand operated hydraulic jack. Pressure applied by the jack extends the piston carrying the lower conical point. The upper point is fixed to the crosshead with a scale mounted on the frame to provide specimen diameter information for use in point-load strength index calculations. Pressure is indicated directly on the digital readout unit. Loads up to 55 kN can be applied to specimens as large as 101.6 mm in diameter.

The apparatus is supplied complete with heavy-duty face mask.

Standard: ASTM D5731

Standards

ASTM D5731

Specification

Capacity	55 kN
Maximum sample size	101.6 mm
Load range	0 to 55 kN x 0.001 kN
Weight	25 kg

Set of Cones for Digital Point Load Tester

Code: 77-0115/10
Product Group: Digital Point Load Tester

Further Information

Set of Two (Upper and Lower)

Point holder/locator for Digital Point Load tester

Code: 77-0115/14
Product Group: N/A

Plate which sits beneath the lower point of the Digital Point Load tester

Set of 2 Conical Points & 1 Set of Internal Seals for 77-0115 Digital Point Load Tester.

Code: 77-0115/K
Product Group: N/A

Spares kit for 77-0115

225 Litre Drying Oven

Code: 78-1250/01

Product Group: Percentage Refusal Density (PRD), Oven Drying Method, Oven Drying Method, Oven Drying Method

The Drying Ovens are designed for drying large quantities of soils and aggregate samples and maintains temperature in accordance with BS and ASTM requirements.

- Fan assisted circulation
- Manual overheat reset
- Low temperature uniformity

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