



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

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**Liquid Limit Device ASTM/ Aashto Hand-Operated W/ Revolution Counter.  
Supplied Less Grooving Tool.**

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**Sand Equivalent Cylinder**

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## 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. capacity kg	18
Weight kg	27



## 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.

[1] Splitter Designed For The Reduction Of Test Samples Which Are Too Large In Volume To Be Conveniently Handled.

[2] Handles Samples Up To 6 Inch Diameter.

[3] Wide Flexibility In Size 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.

[4] Lever Actuated Unit.

[5] Heavy Gauge Welded Steel Construction.

[6] Hopper Holds Up To One Cubic Ft.

[7] Single Splitter Chute.

[8] Hopper Size 735 X 480Mm Approx.

[9] 2 Material Pans.

[10] 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.

# Product Sheet

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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).



## Liquid Limit Device ASTM/ Aashto Hand-Operated W/ Revolution Counter. Supplied Less Grooving Tool.

Code: [24-0434](#)

Product Group: [Casagrande Method](#)

Complete with revolution counter. Supplied less grooving tool.

### Standards

ASTM D4318, AASHTO T89



## Sand Equivalent Cylinder

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

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

Clear plastic; 1-1/4" diam. x 17" h. (32 x 432 mm);  
graduated to 15" x 0.1" (381 x 2.54 mm).

## Standards

ASTM D2419, AASHTO T176





## 150 X 150 X 750mm Beam Mould.

Code: [34-5053](#)

Product Group: [Beam Moulds](#)

Complete with base plate

Weight 43 kg

## Standards

EN 12390-1, EN 12390-2

## Further Information

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



## Vibrating Poker 25mm Dia Tip 290mm 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	25 mm diameter x 290 mm long
Shaft dimensions	2.0 m long
Speed	12,000 vibrations/min.
Overall Dimensions	200 x 300 x 350 mm
Weight	7 kg



## Rotatest 1500

Code: 45-3810/01

Product Group: Asphalt Centrifuge Extractors

Centrifuge extractor used to determine the quantitative amount of bitumen in bituminous paving mixtures. Variable speed control from 0 to 3600 rpm through the front panel mounted control knob and brake control included for rapid deceleration.

Precision machined aluminium removable cover with integral cup for adding solvent, with sealed cast aluminium housing. Centrifuge extractor used to determine the quantitative amount of bitumen in bituminous paving mixtures. Variable speed control from 0 to 3600 rpm through the front panel mounted control knob and brake control included for rapid deceleration.

Precision machined aluminium removable cover with integral cup for adding solvent, with sealed cast aluminium housing.

## Standards

EN 12697-1, ASTM D2172, AASHTO T164

## Further Information

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

1500 g capacity. Supplied with 100 Filter Discs. For 220 V AC, 50 - 60 Hz, 1ph.



## Rotatest 3000

Code: 45-3815/01

Product Group: Asphalt Centrifuge Extractors

Centrifuge extractor used to determine the quantitative amount of bitumen in bituminous paving mixtures. Variable speed control from 0 to 3600 rpm through the front panel mounted control knob and brake control included for rapid deceleration.

Precision machined aluminium removable cover with integral cup for adding solvent, with sealed cast aluminium housing.

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

## Standards

EN 12697-1, ASTM D2172, AASHTO T164

## Further Information

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

3000 g capacity. Supplied with 100 Filter Discs. For 220 V AC, 50 - 60 Hz, 1ph.



## Drying Oven 425 Litre Capacity

Code: 78-0135/01

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

This oven is designed for drying large quantities of soils and aggregate samples and maintains the temperature in accordance with BS EN and ASTM requirements.

The oven is constructed of mild steel with a powder coated exterior and an aluminium coated steel chamber which is both durable and corrosion resistant.

The control system comprises of a microprocessor digital controller with overheat safety system. They also include main switch with indicator and heat and overheat indicators.

The temperature range is 40-180°C.

Fan-circulated, supplied with 4 shelves

## Standards

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

## Specification

Capacity	425 litres
External Dimensions (h x w x d)	970 x 1410 x 810 mm
Internal Dimensions (h x w x d)	760 x 920 x 640 mm
Fluctuation	± 0.75°C
Rated power heater elements	2000 W
Shelves supplied	4
Shelf positions	5
Weight	185 kg



## Drying Oven 750 Litre

Code: [78-0140/03](#)

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

Constructed of mild steel with powder coated exterior and aluminium coated steel chamber (corrosion resistant). 3 pH + neutral with digital control. Microprocessor digital control as standard. Temperature range 40-250 deg.C.

Comes with certificate of conformity for BS1377.

5 shelves and 8 shelf positions.

Weight: 200kg



## 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	$\pm 0.75^{\circ}\text{C}$
Rated power heater elements	2000 W
Shelves supplied	3
Shelf positions	4
Weight	80 kg



## Electronic Balance - 22000 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	22000 g x 0.1 g
Pan size	400 x 300 mm
Mains and battery	Yes
Dimensions (w x d x h)	450 x 515 x 195 mm
Weight	7.6 kg
Weighing units	g, kg, ct, GN, N, lb, oz, lb:oz.





## 300mm Dia BS Sieve 6.30mm Perforated Plate.

Code: 79-2525

Product Group: 300mm Diameter BS Sieves, 300mm Diameter BS Sieves, 300mm Diameter BS Sieves

### Standards

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

### Further Information

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



## 12in Dia ASTM Sieve 212Mic Stainless Steel Mesh.

Code: 79-6000

Product Group: 12in Dia ASTM Brass Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves

## Standards

ASTM E11

## Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	No. 70
Sieve Opening Standard	212 um
Sieve Opening Alternative (in.)	0.0083



## 12in Dia ASTM Sieve 63 Mic Stainless Steel Mesh.

Code: 79-6070

Product Group: 12in Dia ASTM Brass Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves

## Standards

ASTM E11

## Specification

Frames	Full height; 3-1/4" (82.5 mm) depth to mesh.
Construction	Polished and lacquered brass with S.S. mesh.
Nameplates	Show standard, alternate and Tyler Screen Scale equivalent designations.
Weights	Net 4 lbs. (1.8 kg).
Sieve Size or Number	No. 230
Sieve Opening Standard	63 um
Sieve Opening Alternative (in.)	0.0025



## 12in Dia Lid ASTM.

Code: 79-6150

Product Group: Sieve Lids and Receivers ASTM, 12in Dia ASTM Brass Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves, 12" Diameter ASTM Sieves

## Standards

ASTM E11



## Straight Edge

Code: [81-0715](#)

Product Group: [Miscellaneous Laboratory Hardware](#)

## Further Information

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



## Digital Thermometer

Code: [82-5442](#)

Product Group: [Hand-held Digital Thermometers](#)

Range -75 - 1200°C

## Further Information

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

## Specification

Range	-75 to +1200°C or -30 to +199.9°C or -75 to +1999°F
Resolution and accuracy	1°C (-75 to +1200°C), 0.2% ± 0.1°C, 0.1°C (-30 to +199.9°C) 0.2% ± 1.0°C, 1°F (-75 to +1999°F), 0.2% ± 2.0°F
Cold junction (automatic)	0 to 45°C
Weight	500 g