



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

Contents

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



This wishlist was generated on 09/02/2017, and contains the following Products:

47-5565

Core Barrel 100 mm

47-5605

Core Barrel 150 mm

45-6810/01

Marshall Test 50

45-6890

Flow Meter ASTM

45-6850

Breaking Head (Marshall)

78-0860

50kN Clamped Boss Load Ring

24-9182

Penetration Piston

24-9236

ASTM Cutting Collar.

24-9238

ASTM Spacing Disc.

24-9063

ASTM Compaction Rammer 2.5Kg.

25-0445

Vertical Dial Indicator, English

83-5451

Dial Gauge

78-0760

Clamped Boss Load Ring - 28.0 kN

45-6490/01

Water Bath

24-9228

ASTM Cbr Mould Complete with Collar & Perforated Base

24-9245

5 Lb. Annular Surcharge Weight ASTM.

24-9260

Swell Plate

24-9262

Swell Stand

24-9184

Penetration/Swell Dial Gauge ASTM.

24-9275

Dial Gauge 25mm Travel X 0.01mm Divisions.

45-6310

Compaction Mould

45-6410

Compaction Pedestal BS 598

45-6460

Compaction Hammer

45-6463

Steel Block

23-4200

Proctor/Core Cutter Extruder Frame and Hydraulic Jack. Extrudes 100mm/4 Inch Diameter Specimens

82-8950/01

Masonry Saw

82-8950/12

Diamond Blade

80-0200/01

ELE Sieve Shaker

79-5020

8in Dia ASTM Sieve 4.75mm Stainless Steel Mesh.

79-5060

8in Dia ASTM Sieve 2.36mm Stainless Steel Mesh.

79-5070

8in Dia ASTM Sieve 2.0mm Stainless Steel Mesh.

79-5080

8in Dia ASTM Sieve 1.70mm Stainless Steel Mesh.

79-5100

8in Dia ASTM Sieve 1.18mm Stainless Steel Mesh.

79-5140

8in Dia ASTM Sieve 600 Mic Stainless Steel Mesh.

79-5160

8in Dia ASTM Sieve 425 Mic Stainless Steel Mesh.

79-5190

8in Dia ASTM Sieve 250 Mic Stainless Steel Mesh.

79-5220

8in Dia ASTM Sieve 150 Mic Stainless Steel Mesh.

79-5260

8in Dia ASTM Sieve 75 Mic Stainless Steel Mesh.

79-5400

8 Inch Dia Lid.

79-5410

8in Dia Receiver.

45-6600/01

AutoComp 100-A

34-6575/01

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



Core Barrel 100 mm

Code: [47-5565](#)

Product Group: [Core Barrels](#)

Standards

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

Further Information

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



Core Barrel 150 mm

Code: [47-5605](#)

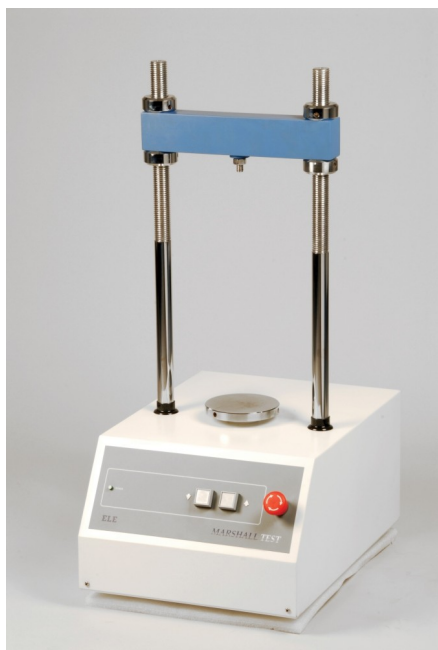
Product Group: [Core Barrels](#)

Standards

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

Further Information

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



Marshall Test 50

Code: [45-6810/01](#)

Product Group: [Marshall Load Frames](#)

- Geared screwjack and motor drive
- Precise speed
- Internal limit switch for both directions of travel
- Easy to use controls

This bench-mounting mechanical load frame is ruggedly constructed to encompass the strain and loads involved with the test. The unit is compact in size and can be quickly installed on a bench top, requiring only a power point. It has been designed for simple operation, is easy to clean and requires minimum maintenance.

Standards

EN 12697-34

Further Information

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

Load frame, 50 kN capacity. Supplied without Breaking Head. For 220 - 240 V AC, 50 Hz, 1 ph.

Accessories



250 Asphalt Probe

Code: [47-0202/10](#)



30 L Heating Bath with Led Display Cover

Code: [45-6550/01](#)



50kN Clamped Boss Load Ring

Code: [78-0860](#)



50kN S-type Load Cell

Code: [27-1559](#)



Breaking Head (Marshall)

Code: [45-6850](#)



Flow Meter BS/EN

Code: [45-6880](#)

Alternatives



Digital Asphalt Thermometer

Code: [47-0202](#)



DSU Electronic Readout and Control System 110 V AC 60 Hz

Code: [27-1300/02](#)



DSU Electronic Readout and Control System 220 - 240 V AC 50/60 Hz

Code: [27-1300/01](#)



Proctor/Core Cutter Extruder Frame and Hydraulic Jack. Extrudes 100mm/4 Inch Diameter Specimens

Code: [23-4200](#)



Flow Meter ASTM

Code: [45-6890](#)

Product Group: [Accessories for the Marshall test](#)

Dial gauge graduated 0.001 inches with 1 inch travel.
Supplied with stem brake unit and flow meter pedestal.

Standards

EN 12697-34

Further Information

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



Breaking Head (Marshall)

Code: [45-6850](#)

Product Group: [Accessories for the Marshall test](#)

Complete with gauge disc. Supplied without flow meter.

Standards

EN 12697-34

Accessories



250 Asphalt Probe

Code: [47-0202/10](#)



30 L Heating Bath with Led Display Cover

Code: [45-6550/01](#)



50kN S-type Load Cell

Code: [27-1559](#)

Alternatives



250 Asphalt Probe

Code: [47-0202/10](#)



30 L Heating Bath with Led Display Cover

Code: [45-6550/01](#)



50kN S-type Load Cell

Code: [27-1559](#)



50kN Clamped Boss Load Ring

Code: 78-0860

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Load Measurement, Proving Rings, Accessories for the Marshall test, Accessories for the Marshall Test, CBR-Test 50 Machine, Load Measurement, CBR Loading Press, Hand-Operated, Force measurement

Calibrated in compression.

Standards

EN 12697-34

Specification

Capacity: kN, kgf, lbf	50.0, 5000, 11,200
Typical Design sensitivity: N/div, kgf/div, lbf/div	45.5, 4.54, 10.18
Overall height mm	248
Approx weight kg	7.9
Value of CBR	Above 40%
Capacity - kN	50
Capacity - kgf	5000
Capacity - lbf	11,200
Typical Design Sensitivity - kN/div	45.5
Typical Design Sensitivity - Kgf/div	4.54
Typical Design Sensitivity - lbf/div	10.18
Overall Height	9.76" (248 mm)
Approx Weight	17.4 lbs.(7.9 kg)

Accessories



Clamped Boss Load Ring - 10.0 kN

Code: 78-0460



Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 11,200 lbs (50.0 kN)

Code: [78-0864](#)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)

Alternatives



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 11,200 lbs (50.0 kN)

Code: [78-0864](#)



Penetration Piston

Code: [24-9182](#)

Product Group: [Penetration Measurement](#)

1.935 mm² (3 in²) area foot of case hardened steel.
Designed to fit all ELE load rings.



ASTM Cutting Collar.

Code: [24-9236](#)

Product Group: [ASTM/AASHTO CBR mould accessories, Cutting Edge](#)

To fit ASTM CBR mould body, manufactured with a cutting edge to enable undisturbed samples to be taken in the field.

Standards

ASTM D1883, AASHTO T193

Specification

Dimensions	6" i.d. x 1-1/2" h. (152 .4 x 38 mm).
Construction	Machined seamless steel tubing; recessed for mounting on CBR Mold.
Finish	Plated.
Weight	Net 1-1/2 lbs. (0.7 kg).

Accessories



ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)

Alternatives



ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)



ASTM Spacing Disc.

Code: [24-9238](#)

Product Group: [Spacer Discs, ASTM/AASHTO CBR mould accessories](#)

150.8 mm diameter x 61.4 mm deep.

Specification

Construction

Steel; machined on all sides.

Finish

Plated.

Weights

Net 18.9 lbs. (8.6 kg).

Accessories



ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)

Alternatives



ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)



ASTM Compaction Rammer 2.5Kg.

Code: [24-9063](#)

Product Group: [Proctor compaction](#), [Standard Compaction Hammer](#)

50.8mm diameter x 305mm deep.

Standards

ASTM D1557, AASHTO T180, ASTM D558, ASTM D559, ASTM D560, ASTM D698, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136

Specification

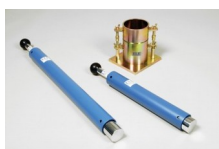
Hammer	2" diam. (50.8 mm); 5-1/2 lbs. (2.49 kg).
Drop	12 " (305 mm).
Guide Sleeve	Machined steel tubing with air pressure release holes
Finish	Corrosion resistant
Weight	4.1 kg (9 lbs)

Accessories



ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



Straight Edge 300mm.

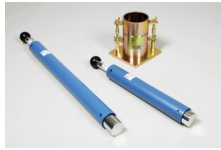
Code: [24-9010](#)

Alternatives



ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: [24-9070](#)



Straight Edge 300mm.

Code: [24-9010](#)



Vertical Dial Indicator, English

Code: [25-0445](#)

Product Group: [Direct/Residual Shear Apparatus](#)

0.5" range x 0.0001" graduations.

Accessories



Dial Gauge 10mm Travel X 0.002mm Divisions.

Code: [25-0440](#)

Spares/Consumables



Electronic Digital Indicator, 0.600"/15 mm range

Code: [88-4210](#)

Alternatives



Electronic Digital Indicator, 0.600"/15 mm range

Code: 88-4210



Dial Gauge

Code: [83-5451](#)

Product Group: [Dial Gauges](#)

Specification

Diameter mm	57
Travel mm	10
Grad. Mm	0.002
Scale	RH
Anvil	None
Back type	B



Clamped Boss Load Ring - 28.0 kN

Code: 78-0760

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Load Measurement, Proving Rings, CBR-Test 50 Machine, Conversion of In-situ to Laboratory CBR, Load Measurement, CBR Loading Press, Hand-Operated, Force measurement

Standards

BS 1377, BS 1924

Specification

Capacity: kN, kgf, lbf	28.0, 2800, 6000
Typical Design sensitivity: N/div, kgf/div, lbf/div	25.5, 2.54, 5.45
Overall height mm	248
Approx weight kg	5.4
Capacity	28 kN
Value of CBR	Average range of CBR
Capacity - lbf	6,000
Capacity - kN	28
Capacity - kgf	2,800
Typical Design Sensitivity - lbf/div	5.45
Typical Design Sensitivity - kN/div	25.5
Typical Design Sensitivity - Kgf/div	2.54
Overall Height	9.76" (248 mm)
Approx Weight	11 .9 lbs.(5.4 kg)

Accessories



50kN Clamped Boss Load Ring

Code: 78-0860



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 6,000 lbs (28.0 kN)

Code: [78-0764](#)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)

Alternatives



50kN Clamped Boss Load Ring

Code: [78-0860](#)



Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



Digital Proving Ring, 6,000 lbs (28.0 kN)

Code: [78-0764](#)



Water Bath

Code: [45-6490/01](#)

Product Group: [N/A](#)

60 litre water bath with stainless steel tank and outer case suitable for marshall test specimens and fitted with a digital thermostat and electric circulation unit. Complete with bath cover and perforated specimen tray.

Inner dimensions: 700 x 550 x 165 mm.

Outer dimensions : 900 x 640 x 340 mm.

Standards

EN 12697-30

Further Information

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

Temperature range ambient to 95°C \pm 1°C. For 220 - 240 V AC, 50 - 60 Hz 1ph.

Accessories

Steel Block

Code: [45-6463](#)



Alternatives

Steel Block

Code: [45-6463](#)







ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)

Product Group: [ASTM/AASHTO CBR mould](#)

With collar and perforated baseplate.

Standards

ASTM D1883, AASHTO T193

Specification

Mould	152.4 x 177.8 mm (inside diameter x height)
Collar	50.8 mm height, fits both ends of mould
Base plate	Perforated
Construction	All steel, plated
Weight kg	9

Accessories



4.5Kg Annular Surcharge Weight ASTM.

Code: [24-9243](#)



5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)



ASTM Cutting Collar.

Code: [24-9236](#)



ASTM Spacing Disc.

Code: [24-9238](#)

Alternatives



4.5Kg Annular Surcharge Weight ASTM.

Code: [24-9243](#)



5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)



ASTM Cutting Collar.

Code: [24-9236](#)



ASTM Spacing Disc.

Code: [24-9238](#)



5 Lb. Annular Surcharge Weight ASTM.

Code: [24-9245](#)

Product Group: [ASTM/AASHTO CBR mould accessories](#), [Surcharge Weights](#)

Specification

Construction

Machined steel.

Finish

Plated.

Accessories



5Lb (2.27Kg) Split Surcharge Weight.

Code: [24-9244](#)



ASTM Cbr Mould Complete with Collar & Perferated Base

Code: [24-9228](#)

Alternatives



5Lb (2.27Kg) Split Surcharge Weight.

Code: [24-9244](#)



ASTM Cbr Mould Complete with Collar & Perferated Base

Code: [24-9228](#)



Swell Plate

Code: [24-9260](#)

Product Group: [Expansion \(swell\) Test Equipment, Swell Plate](#)

With adjustable stem.

Standards

ASTM D1883, AASHTO T193

Specification

Base Plate	5 15/16" diam. (150.8mm); perforated.
Contact Head	Adjustable; locks on stem with knurled nut.
Construction	Aluminium
Weight	Net 2-1/2 lbs. (1.1 kg).



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).

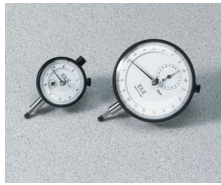
Accessories



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



Penetration/Swell Dial Gauge ASTM.

Code: [24-9184](#)

Product Group: [Expansion \(swell\) Test Equipment](#),
[In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#),
[Penetration Measurement](#)

1 in travel x 0.0005 in divisions. Complete with rack extensions and chisel edge anvil.

Standards

BS 1377, BS 1924



Dial Gauge 25mm Travel X 0.01mm Divisions.

Code: [24-9275](#)

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

25 mm travel x 0.01 mm.



Compaction Mould

Code: 45-6310
Product Group: Asphalt Compaction Mould,
Accessories for manual and automatic compaction
Comprising of mould body, baseplate and combined
filling/extraction collar.

Standards

EN 12697-30, ASTM D6926, AASHTO T245

Specification

Construction	Machined seamless steel forming mold; base and collar.
Finish	Plated for rust resistance.
Dimensions	4" (101.6 mm) i.d. x 3" (76.2 mm) internal h. with base.
Weight	Net 6 lbs. (2.7 kg).

Alternatives



AutoComp 100-A

Code: [45-6600/01](#)



Compaction Pedestal BS 598

Code: [45-6410](#)

Product Group: [Manual Compaction](#)

Comprising a 300 mm sq x 25 mm thick steel plate complete with 4 tie rods and securing nuts. A mould clamp and hammer guide are fitted to the plate. The unit is supplied complete with a laminated hardwood block.

Standards

EN 12697-30

Further Information

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



Compaction Hammer

Code: [45-6460](#)

Product Group: [Manual Compaction, Stability](#)
[Compaction Hammer](#)

Satisfies BS 598. The hammer has a 4535 g sliding weight with a free fall of 457 mm.

Standards

EN 12697-30, ASTM D6926, AASHTO T245

Specification

Tamping Face	3-7/8" (98 mm) diam.
Hammer	10 lb. (4.54 kg).
Drop	18" (457 mm).
Construction	Machined steel; cast aluminum handle.
Weight	Net 16 lbs. (7.2 kg).



Steel Block

Code: [45-6463](#)

Product Group: [Accessories for manual and automatic compaction](#)

100 mm diameter x 50 mm height. For heating the compaction hammer foot.

Standards

EN 12697-30

Further Information

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

Accessories



Water Bath

Code: [45-6490/01](#)

Spares/Consumables



Baseplate

Code: [45-6310/11](#)



Compaction Mould Body

Code: [45-6310/10](#)

Alternatives



Water Bath

Code: [45-6490/01](#)



Proctor/Core Cutter Extruder Frame and Hydraulic Jack. Extrudes 100mm/4 Inch Diameter Specimens

Code: 23-4200

Product Group: [Soil Extruders, Accessories for manual and automatic compaction](#)

Adaptor plates will be supplied; extrudes samples from BS Compaction Mould, Proctor Mould 100 mm, Core Cutter and Marshall Mould. Maximum extrusion force 20kn.

Standards

BS 1377-1

Further Information

NOT AVAILABLE FOR SALE IN THE USA

Accessories

Steel Block

Code: 45-6463



Alternatives



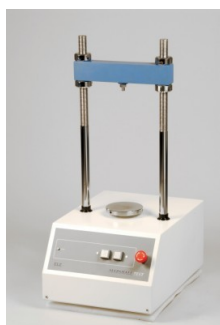
38mm Hand Operated Hydraulic Sample Extruder with Trimming Knife 38mm Split Former & Cutting Tool.

Code: 23-4090



Cbr/Core Cutter Extruder Frame and Hydraulic Jack Extrudes 150mm/6 Inch Diameter Specimens.

Code: 23-4250



Marshall Test 50

Code: 45-6810/01



Marshall Test 50

Code: 45-6810/06



Masonry Saw

Code: 82-8950/01

Product Group: [Masonry Saw](#)

Further Information

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

Specification

Dimensions (l x w x h)	1195 x 705 x 1350 mm
Cutting depth with 300 mm diameter blade	110 mm
Electrical supply	220-240 V AC, 50 Hz, 1 ph, separate fused power supply and switching required
Rated power	2200 W
Weight	120 kg



Diamond Blade

Code: [82-8950/12](#)

Product Group: [Masonry Saw](#)

Accessory. Wet cutting. Blade diameter 350 mm, depth of cut 110 mm.

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.



8in Dia ASTM Sieve 4.75mm Stainless Steel Mesh.

Code: 79-5020

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 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 1 lb. (453 g).
Sieve Size or Number	No. 4
Sieve Opening Standard	4.75 mm
Sieve Opening Alternative (in.)	0.187



8in Dia ASTM Sieve 2.36mm Stainless Steel Mesh.

Code: 79-5060

Product Group: U.S. Standard Testing Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 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 1 lb. (453 g).
Sieve Size or Number	No. 7
Sieve Opening Standard	2.36 mm
Sieve Opening Alternative (in.)	0.0937



8in Dia ASTM Sieve 2.0mm Stainless Steel Mesh.

Code: 79-5070

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 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 1 lb. (453 g).
Sieve Size or Number	No. 10
Sieve Opening Standard	2.00 mm
Sieve Opening Alternative (in.)	0.0787



8in Dia ASTM Sieve 1.70mm Stainless Steel Mesh.

Code: 79-5080

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 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 1 lb. (453 g).
Sieve Size or Number	No. 12
Sieve Opening Standard	1.70 mm
Sieve Opening Alternative (in.)	0.0661



8in Dia ASTM Sieve 1.18mm Stainless Steel Mesh.

Code: 79-5100

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 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 1 lb. (453 g).
Sieve Size or Number	No. 16
Sieve Opening Standard	1.18 mm
Sieve Opening Alternative (in.)	0.0469



8in Dia ASTM Sieve 600 Mic Stainless Steel Mesh.

Code: 79-5140

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 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 1 lb. (453 g).
Sieve Size or Number	No. 30
Sieve Opening Standard	600 μ m
Sieve Opening Alternative (in.)	0.0234



8in Dia ASTM Sieve 425 Mic Stainless Steel Mesh.

Code: 79-5160

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 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 1 lb. (453 g).
Sieve Size or Number	No. 40
Sieve Opening Standard	425 um
Sieve Opening Alternative (in.)	0.0165



8in Dia ASTM Sieve 250 Mic Stainless Steel Mesh.

Code: 79-5190

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 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 1 lb. (453 g).
Sieve Size or Number	No. 60
Sieve Opening Standard	250 μ m
Sieve Opening Alternative (in.)	0.0098



8in Dia ASTM Sieve 150 Mic Stainless Steel Mesh.

Code: 79-5220

Product Group: U.S. Standard Testing Sieves, 8"
Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8"
Diameter ASTM Sieves

Standards

ASTM E11

Specification

Frames	Full height; 2 1/4" (51 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 1 lb. (453 g).
Sieve Size or Number	No. 100
Sieve Opening Standard	150 µm
Sieve Opening Alternative (in.)	0.0059



8in Dia ASTM Sieve 75 Mic Stainless Steel Mesh.

Code: 79-5260
Product Group: U.S. Standard Testing Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards
ASTM E11

Specification

Frames	Full height; 2 1/4" (51 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 1 lb. (453 g).
Sieve Size or Number	No. 200
Sieve Opening Standard	75 um
Sieve Opening Alternative (in.)	0.0029



8 Inch Dia Lid.

Code: 79-5400

Product Group: U.S. Standard Testing Sieves, Sieve Lids and Receivers ASTM, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11



8in Dia Receiver.

Code: 79-5410

Product Group: U.S. Standard Testing Sieves, Sieve Lids and Receivers ASTM, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves, 8" Diameter ASTM Sieves

Standards

ASTM E11



AutoComp 100-A

Code: 45-6600/01

Product Group: Automatic Compaction

- Fully automatic, simple to operate
- Built-in safety features
- Uniform compaction
- Automatic blow counter

This ruggedly constructed automatic compactor provides a consistent and even degree of compaction. The unit incorporates a compaction pedestal comprising a laminated hardwood block secured to a concrete base by a 300 mm square x 25 mm thick steel plate. The mechanism lifts the 4535 g hammer and automatically releases it at the specified height of 457 mm. The conveniently positioned control fascia panel comprises of a mains light, start and stop buttons and a direct-reading counter used to set the required number of blows.

During operation the AutoComp 100-A automatically counts down to zero. Dual rammer pick-ups have been incorporated, reducing stress on the machine's internal mechanism.

Particular attention has been paid to operator safety by the inclusion of various in-built safety features.

Standards

EN 12697-10, EN 12697-30, BS 598

Further Information

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

Specification

Dimensions (l x w x h)	535 x 535 x 1880 mm
Compaction foot diameter	98.52 mm

Product Sheet

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



Sliding weight	4535 g
Height of drop	457 mm
Weight	278 kg

Accessories



Digital Hotplate

Code: [78-3104/01](#)



Paper Discs

Code: [45-6462](#)



Sample Tray - 306 x 306 x 38 mm

Code: [81-4020](#)

Alternatives



Compaction Mould

Code: [45-6310](#)



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°C or rise above 20°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](#)