

















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

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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 (I \times w \times h) 380 \times 440 \times 1085 mm. For 220 - 240 V AC, 50 Hz 1ph.







200 mm Diameter Receiver

Code: 79-0020

Product Group: Sieve Lids and Receivers ISO and BS, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

BS 410-1, ISO 3310

Further Information

NOT AVAILABLE FOR SALE IN THE USA







200mm Dia BS Sieve 63 Mic Stainless Steel Mesh.

Code: 79-0070

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

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

Further Information

NOT AVAILABLE FOR SALE IN THE USA

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200mm Dia BS Sieve 75 Mic Stainless Steel Mesh.

Code: 79-0080

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

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

Further Information

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200mm Dia BS Sieve 150 Mic Stainless Steel Mesh.

Code: 79-0120

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

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

Further Information

NOT AVAILABLE FOR SALE IN THE USA

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200mm Dia BS Sieve 212Mic Stainless Steel Mesh.

Code: 79-0140

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

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

Further Information

NOT AVAILABLE FOR SALE IN THE USA

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200mm Dia BS Sieve 300Mic Stainless Steel Mesh.

Code: 79-0160

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

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

Further Information

NOT AVAILABLE FOR SALE IN THE USA

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200mm Dia BS Sieve 425Mic Stainless Steel Mesh.

Code: 79-0180

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

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

Further Information

NOT AVAILABLE FOR SALE IN THE USA







200mm Dia BS Sieve 600Mic Stainless Steel Mesh.

Code: 79-0200

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

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

Further Information

NOT AVAILABLE FOR SALE IN THE USA

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200mm Dia BS Sieve 1.18mm Stainless Steel Mesh.

Code: 79-0240

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

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

Further Information

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200mm Dia BS Sieve 2.00mm Stainless Steel Mesh.

Code: 79-0270

Product Group: 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards

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

Further Information

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200 mm Diameter Lid

Code: 79-0010

Product Group: Sieve Lids and Receivers ISO and BS, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves, 200mm Diameter BS Sieves

Standards BS 410-1, ISO 3310

Further Information

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300mm Dia Receiver.

Code: 79-2020

Product Group: Sieve Lids and Receivers ISO and BS, 300mm Diameter BS Sieves, 300mm Diameter

BS Sieves, 300mm Diameter BS Sieves

Standards BS 410-1, ISO 3310

Further Information

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300mm Dia BS Sieve 2.36mm Stainless Steel Mesh.

Code: 79-2280

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

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300mm Dia BS Sieve 3.35mm Stainless Steel Mesh.

Code: 79-2300

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

Standards

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

Further Information

NOT AVAILABLE FOR SALE IN THE USA

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300mm Dia BS Sieve 5.00mm Perforated Plate.

Code: 79-2515

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

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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

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300mm Dia BS Sieve 10.0mm Perforated Plate.

Code: 79-2555

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

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300mm Dia BS Sieve 14.0mm Perforated Plate.

Code: 79-2575

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

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300mm Dia BS Sieve 20.0mm Perforated Plate.

Code: 79-2595

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

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300mm Dia BS Sieve 28.0mm Perforated Plate.

Code: 79-2615

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

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300mm Dia BS Sieve 37.5mm Perforated Plate.

Code: 79-2640

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

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300mm Dia BS Sieve 50.0mm Perforated Plate.

Code: 79-2655

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

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300mm Dia BS Sieve 63.0mm Perforated Plate.

Code: 79-2670

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

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300mm Dia BS Sieve 75.0mm Perforated Plate.

Code: 79-2680

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

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300mm Dia Lid.

Code: 79-2010

Product Group: Sieve Lids and Receivers ISO and BS, 300mm Diameter BS Sieves, 300mm Diameter

BS Sieves, 300mm Diameter BS Sieves

Standards BS 410-1, ISO 3310

Further Information

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Sieve Brush Brass and Nylon

Code: 79-7200

Product Group: Sieve Brushes

Double-ended, brass and nylon bristle

Standards

ASTM E11

Further Information

NOT AVAILABLE FOR SALE IN THE USA







Automatic Soil Compactor BS 220-240V 50Hz 1Ph.

Code: 24-9090/01

Product Group: Automatic Compactors

Preset blow pattern ensures an even compaction, includes solid state controls for reliability and maintenance. An automatic digital counter resets to zero on the completion of a test. An selectable rammer with a drop height of 300-450mm, a selectable rammer weight of 2.5 or 4-5kg. A preset number of blows per layer can be set by thumb wheel control. A compaction rate of approximately 26 blows per minute. Accepts BS Standard Compaction and CBR moulds; also meets the requirements of BS1377. Voltage 220-240V 50hz 1ph.

Standards

BS 1377, EN 13286-2, EN 13286-47

Specification

Dimensions (I x w x h) 430 x 240 x 1400 mm Rammer BS/EN

Circular faced, 50 mm dia,

selectable

to 2.5 kg or 4.5 kg weight.

Rammer ASTM Circular faced, 2 in (50.8 mm)

selectable to 5.5 lb (2.5 kg) or

10 lb

(4.5 kg) weight.

Adjustable to 300 mm or 450 Drop BS/EN

Adjustable to 12 in (305 mm) Drop ASTM

or 18

in (457 mm)

150 Weight kg

Accessories



BS Cbr Mould Body.

Code: 24-9198

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BS Extension Collar

Code: 24-9200



BS Solid Base or Top Plate

Code: 24-9204



BS Standard Compaction Mould 1000Cm Capacity.

Code: 24-9000

Alternatives



Automatic Soil Compactor BS 220-240V 60Hz 1Ph.

Code: 24-9090/06







MultiPlex 50 Load Frame

Code: 25-3700/01

Product Group: Data Logging with the DSU, CBR Load Frames, Marshall Load Frames, Triaxial Load Frames, Data Logging with the DSU

Compact bench mounting load frame designed for performing laboratory CBR, unconfined compression, Quick Undrained Triaxial and Marshall Stability Tests. Has a variable speed of 0.5 to 50.8mm per minute and features rapid approach of platen.

Standards

EN 12697-34, BS 598, BS 1377, BS 1924, ASTM D1883, EN 12697-23, EN 12697-24, EN 13286-47, AASHTO T193, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297, ASTM D6927

Further Information

NOT AVAILABLE FOR SALE IN THE USA

Specification

Dimensions (l x w x h) 550 x 400 x 1470 mm

Max vertical clearance800 mmHorizontal clearance265 mmPlaten diameter133 mmPlaten travel100 mm

Platen speed range 0.5 to 50.8 mm/min

Rapid approach speed 40 mm/min

Weight kg 100, (shipping 113 kg)

Accessories



50kN Clamped Boss Load Ring

Code: 78-0860

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50kN S-type Load Cell

Code: 27-1559



Bracket and Adaptor. Dual Purpose Mounting Bracket for CBR Penetration Gauges EL24-9184/EL24-9186

Code: 24-9188



Cbr Penetration Piston (Adjustable).

Code: 24-9183



CBR Penetration Transducer 50mm Travel Fitted with 5 Pin Din Plug.

Code: 27-1705



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



Penetration Dial Gauge BS

Code: 24-9186



Penetration Piston

Code: 24-9182

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Penetration/Swell Dial Gauge ASTM.

Code: 24-9184

Alternatives



Cbr-Test 50 Machine 50kN Capacity BS and ASTM Supplied with Stabilising Bar.

Code: 24-9150/01



Cbr-Test 50 Machine 50kN Capacity BS and ASTM Supplied with **Stabilising Bar.**

Code: 24-9150/06



Digital Tritest 50 Load Frame

Code: 25-3518/01

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Unconfined Compression Platens. for Use on Ele Load Frames Max Sample Dia 95mm.

Code: 25-3650 Product Group: N/A

Standards

ASTM D2166, AASHTO T208, BS 1377, BS 1924, EN 13286-47, ASTM D1883, AASHTO T193

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Clamped Boss Load Ring - 4.5 kN

Code: 78-0260

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Load Measurement, Load Measurement, Direct/Residual Shear Apparatus, Proving Rings, Load Measurement

Specification

Capacity: kN, kgf, lbf 4.5, 450, 1000 Typical Design sensitivity: 3.0, 0.30, 0.66

N/div, kgf/div, lbf/div

Overall height mm 248
Approx weight kg 3.5
Capacity - lbf 1,000
Capacity - kN 4.5
Capacity - kgf 450
Typical Design Sensitivity - 0.66

lbf/div

Typical Design Sensitivity - 3

kN/div

Typical Design Sensitivity - 0.3

Kgf/div

Overall Height 9.76" (248 mm) Approx Weight 7.7 lbs.(3.5 kg)

Accessories



50kN Clamped Boss Load Ring

Code: 78-0860



Clamped Boss Load Ring - 10.0 kN

Code: 78-0460

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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



Digital Proving Ring, 1,000 lbs (4.5 kN)

Code: 78-0264

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: 78-5461

Alternatives



50kN Clamped Boss Load Ring

Code: 78-0860

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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



Digital Proving Ring, 1,000 lbs (4.5 kN)

Code: 78-0264

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100 mm Two-Part Split Mould

Code: 25-7655

Product Group: Two-Part Split Mould

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Two-Way Split Former 100mm Diameter.

Code: 25-7650

Product Group: Two-way Split Formers, Two-Way

Split Formers

Accessories



1.4" Two-Way Split Formers

Code: 25-4320



2.8" Two-Way Split Formers

Code: 25-6680



Two-Way Split Former 70mm Diameter.

Code: 25-6500

Alternatives

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1.4" Two-Way Split Formers

Code: 25-4320



2.8" Two-Way Split Formers

Code: 25-6680



Two-Way Split Former 70mm Diameter.

Code: 25-6500

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Vernier Caliper Range 0 to 200mm X 0.02mm.

Code: 81-0588

Product Group: Determination of the Shape Index, Linear Shrinkage, Miscellaneous Laboratory Hardware

Vernier callipers 200 x 0.002mm. Graduated in mm and inches.

Gives four types of readings: inside, outside, depth and step. Dual reading scale (metric and inch) with 14° bevelled vernier scale for reduced parallax reading error and knurled locking nut. Manufactured from hardened stainless steel for rigidity. Satin finish.

Conforms to DIN 862.

Standards

EN 933-4, BS 1377