

















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

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25-5130

Two Part Split Mould 38mm

25-5050/10 Drainage Line for 25-4250

25-3518/10

Adaptor kit, to perform CBR on the Tritest 50 load frame

26-1746

Bladder-Type Air/Water Pressure Assembly. 1000 Kpa Maximum Working Pressure.

26-1746/10

Replacement Bladder Wide Neck (38mm Id)

26-1805 Oil 5 Litres T46

26-2270

Laboratory Vane Apparatus with 4 Springs and 12.7mm Vane; Hand Operated.

26-2281

Vane 12.7mm Diameter X 19mm Long

26-2283

Vane 12.7mm Diameter X 25.4mm Long.

26-2275/10

Set of 4 Calibrated Springs for Laboratory Vane Apparatus.

26-2279

Vane 12.7mm Diameter X 12.7mm Long.

25-0591 Manometer Tubes & Stand.

25-0593 **Constant Level Tank.**

25-0580

Constant Head Permeability Cell 75mm Diameter Specimen.



24-0417/01

Motorised Liquid Limit Device W/ Counter BS 220-240V 50Hz 1Ph.

24-0461

Casagrande Grooving Tool Aashto

24-0430 **Glass Plate.**

23-7150 Soil Colour Chart Set

23-7130 Sand Grading Chart

24-1800 Shrinkage Mould to BS 1377

23-3505 Mortar and Pestle Porcelain.

82-2500 Wash Bottle

81-2979 Moisture Content Tin

81-4030 Sample Tray - 406 x 406 x 50 mm

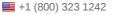
81-5020 Bowl - 2.5 litre

81-5040 Bowl - 5 litre

81-5060 Bowl - 11 litre

81-0100 Spatula 100 mm

78-5456/01





Electronic Balance - 4 500 g x 0.01 g

78-5485/01

Electronic Balance - 20 000 g x 0.1 g

24-9000

BS Standard Compaction Mould 1000Cm Capacity.

24-9002

Standard Compaction Rammer 2.5Kg BS1377-1975

24-9004

BS Compaction Rammer 4.5Kg Wt.

24-9060 Proctor Mould

24-9070 ASTM/Modified Proctor Compaction Rammer 4.5Kg.

24-9198 BS Cbr Mould Body.

24-9200 BS Extension Collar

24-9204 BS Solid Base or Top Plate

24-9202 BS Perforated Base Plate.

24-9206 Cbr Cutting Collar with Area Ratio of 21.9% to Fit BS Moulds.

24-9208 C-Spanner for BS Cbr Mould. Two Required.

24-9210 Base Plate Tool for BS Mould

24-9216 **2Kg Split Surcharge Weight.**





34-0130

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

24-9220

Filter Papers 150mm Dia Equivalent to Whatman No 1. Box of 100.

24-9260 Swell Plate

24-9262 Swell Stand

25-0613 Soaking Tank.

24-9275

Dial Gauge 25mm Travel X 0.01mm Divisions.

23-1517

150mm Dia Gravel Auger Head.

23-1501 100mm Dia Soil Auger Head

23-1525 50mm Dia Dutch Soil Auger Head.

23-1577

38mm Diameter Sample Tube 230mm Long Complete with End Caps.

24-4620

Soil Hydrometer BS EN DD ENV graduated 0.995 to 1.030 g/ml

24-4700 Hydrometer Sedimentation Cylinder

24-4145

Sodium Hexametaphosphate 500G.

24-4800

Nomographic Chart for The Determination of Stokes Law.

24-2885



Pyknometer Complete with Non-Corrodable Cone and Rubber Seal 1Kg Capacity

24-2890 Density Bottle 25MI.

24-2900

50MI Density Bottle with Perforated Stopper.

24-2950

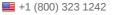
100MI Density Bottle with Perforated Stopper.

24-2830

Gas Jar 75mm Dia X 300mm with Glass Cover and Rubber Bung.

23-4090

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







Two Part Split Mould 38mm

Code: 25-5130 Product Group: Two-way Split Moulds, Two-Part Split Mould









Drainage Line for 25-4250

Code: 25-5050/10 Product Group: Replacement Drainage Line

1.4" Specimen Cap







Adaptor kit, to perform CBR on the Tritest 50 load frame

Code: 25-3518/10 Product Group: CBR Load Frames

Contains a platen adaptor and a stabilising bar





Bladder-Type Air/Water Pressure Assembly. 1000 Kpa Maximum Working Pressure.

Code: 26-1746 Product Group: Air/Water Pressure Systems - up to 1000 kPa

With transparent plastic chamber for operating continuously at pressures up to 1000 kPa. A length of tubing is provided for connecting the air/water cylinder outlet to a pressure measuring system.

• Used to supply hydraulic pressure from a pneumatic pressure source.

- Prevents air entering the hydraulic pressure system.
- Maximum working pressure 1000kpa.
- Supplied with connectors and tubing for fitting to pressure measuring systems.

Spares/Consumables



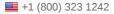
Pneumatic Pressure Reducing Panel. Provides Two Independent Pressure Outlets 1000 kPa Max.

Code: 26-1760



Replacement Bladder Wide Neck (38mm Id)

Code: 26-1746/10









Replacement Bladder Wide Neck (38mm Id)

Code: 26-1746/10 Product Group: Air/Water Pressure Systems - up to 1000 kPa







Oil 5 Litres T46

Code: 26-1805 Product Group: Oil/Water Constant Pressure System 5 litres





Laboratory Vane Apparatus with 4 Springs and 12.7mm Vane; Hand Operated.

Code: 26-2270 Product Group: Laboratory Vane Apparatus, Laboratory Vane Apparatus

The equipment is based on a design by the Transport Research Laboratory, England, and is available in hand or motorised versions. Stress is applied through the 12.7 x 12.7 mm vane by means of any one of four calibrated springs.

Standards BS 1377

Further Information

Hand-operated, complete with 4 calibrated springs and a 12.7 mm diameter x 12.7 mm long vane.

Spares/Consumables



Set of 4 Calibrated Springs for Laboratory Vane Apparatus.







Vane 12.7mm Diameter X 19mm Long

Code: 26-2281 Product Group: Laboratory Vane Apparatus, Laboratory Vane Apparatus

Standards BS 1377

Spares/Consumables



Set of 4 Calibrated Springs for Laboratory Vane Apparatus.







Vane 12.7mm Diameter X 25.4mm Long.

Code: 26-2283 Product Group: Laboratory Vane Apparatus, Laboratory Vane Apparatus

Standards BS 1377

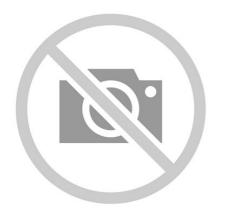
Spares/Consumables



Set of 4 Calibrated Springs for Laboratory Vane Apparatus.







Set of 4 Calibrated Springs for Laboratory Vane Apparatus.

Code: 26-2275/10 Product Group: Laboratory Vane Apparatus, Laboratory Vane Apparatus

Standards BS 1377







Vane 12.7mm Diameter X 12.7mm Long.

Code: 26-2279 Product Group: Laboratory Vane Apparatus, Laboratory Vane Apparatus

Standards BS 1377

Spares/Consumables



Set of 4 Calibrated Springs for Laboratory Vane Apparatus.





Manometer Tubes & Stand.

Code: 25-0591

Product Group: Constant Head Apparatus

Comprising three glass tubes of constant bore, metre scale and connecting tubing for cell pressure take-off points, all mounted on a free-standing panel.Comprising three glass tubes of constant bore, metre scale and connecting tubing for cell pressure take-off points, all mounted on a free-standing panel.

Standards BS 1377-5





Constant Level Tank.

Code: 25-0593 Product Group: Constant Head Apparatus

Manufactured from transparent plastic with attachment for wall mounting. The inlet, outlet and overflow pipes are fitted to the base of the tank and can be adjusted for height within the tank. Supplied complete with connecting tubing.

Standards BS 1377-5







Constant Head Permeability Cell 75mm Diameter Specimen.

Code: 25-0580 Product Group: Constant Head Apparatus

75 mm Diameter

Standards BS 1377-5

Specification

Nominal Cell inside diameer Cell wall Take-off points End plates Weight kg

75 mm Transparent plastic 3 Anodised aluminium 2.6







Motorised Liquid Limit Device W/ Counter BS 220-240V 50Hz 1Ph.

Code: 24-0417/01 Product Group: Casagrande Method

Complete with revolution counter and motor.

Standards BS 1377-2





Casagrande Grooving Tool Aashto

Code: 24-0461

Product Group: AASHTO Grooving Tool, Casagrande Method, Motorized Liquid Limit Device

- Rust resistant brass construction.
- 1 cm gage block located at end of handle.

The AASHTO Grooving Tool is used to control the width of the soil groove in the liquid limit cup, in accordance with AASHTO specifications.

Standards AASHTO T89

Further Information

Brass construction with a gauge height of 1 cm.

Specification

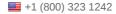
Construction Gauge Height Weight Brass. 1 cm. Net 3 oz. (85 g).

Spares/Consumables



ASTM Plastic Grooving Tools

Code: 24-0451







Glass Plate.

Code: 24-0430 Product Group: Casagrande Method, Determination of Plastic Limit

500 mm square x 10 mm thick.

Standards BS 1377-2





Soil Colour Chart Set

Code: 23-7150

Product Group: Soil Colour Charts, Soil Color Charts

The Munsell Soil Color Charts is an affordable way to evaluate the type of soil that is present within a given area. The book is set up to allow users to make soil color evaluations in the field quickly and easily. The soil classification system that has been developed around the Munsell color system is an established and accepted process to assign a soil type. This classification system has been used in the United States for more than 55 years to aid in the management and stewardship of natural resources. Through the use of the Munsell Soil Color Charts, practitioners from a wide range of professions can share reliable and consistent information about the color of soils at a particular site with colleagues anywhere around the world. The Munsell Soil Color Charts are used by a variety of industries and professions such as universities and high schools. forestry, forensics, environmental and soil science, building and contracting, landscaping, real estate, health departments, geology and archaeology.

Further Information

The following pages are included in the Munsell Soil Color Charts:

- Munsell 10R Soil Chart
- Munsell 10YR Soil Chart
- Munsell 2.5Y Soil Chart
- Munsell 2.5YR Soil Chart
- Munsell 5Y Soil Chart
- Munsell 5YR Soil Chart
- Munsell 7.5YR Soil
- 10Y 5GY Colors Olive greens Soil Chart
- Gley 1 & 2 (2 Separate Charts) Soil Charts
- Munsell 5R Individual Soil Chart
- Munsell 7.5R Individual Soil Chart
- "New" White Page, 7.5R, 10YR, & 2.5Y

Specification

Munsell Book of Soil Color Charts

Durable binder contains 440 Munsell Color Standards

- Featuring ISCC-NBS color names
- Munsell alpha-numeric notation

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Color produced on water resistant substrate

Features Munsell notations for each color providing:

- Value (degree of lightness)
- Hue (color)
- Chroma (degree of saturation)

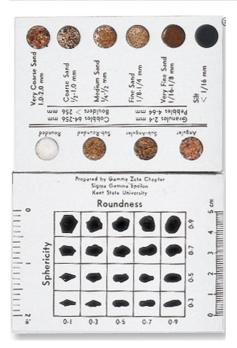
Used with medium, fine-grained, and coarse-grained rocks

Pages are cleanable and can be exposed to standard environmental conditions in the field

Dimensions

- Binder Size 150 mm x 196 mm x 25 mm
- Page Size 111 mm x 184 mm
- Weight 0.9 kg





Sand Grading Chart

Code: 23-7130 Product Group: Sand Grading Chart

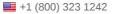
Pocket-sized folder enables the field geologist to quickly and accurately identify grain size and shape, grain sorting, roundness, and sphericity of a sample. Consists of sphericity/roundness measuring chart; printed examples of well-sorted and poorly-sorted grain samples in fine, medium, and coarse ranges; four actual grain samples illustrating angular, subangular, subrounded, and rounded shapes; six grain size samples: silt, very fine sand, fine sand, medium sand, coarse sand, and very coarse sand. Measurement limits for granules, pebbles, cobbles, and boulders indicated.

Specification

Sample Panels

Particle Shape Panels

Chart Size Weight Very coarse; coarse; medium; fine; very fine; silt. Angular; sub-angular; sub-rounded and rounded. 3-1/4" w. x 4" h. (83 x 102 mm). Net 1 oz. (28 g).







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







Mortar and Pestle Porcelain.

Code: 23-3505 Product Group: Sample Reduction

Thick walled porcelain mortar; 107mm internal diameter and porcelain pestle.









Wash Bottle

Code: 82-2500 Product Group: Bottles and Crucibles Polythene, 500 ml capacity.







Moisture Content Tin

Code: 81-2979 Product Group: Moisture Content Tin and Sample Containers









Sample Tray - 406 x 406 x 50 mm

Code: 81-4030 Product Group: Sample Trays









Bowl - 2.5 litre

Code: 81-5020 Product Group: Beakers and Bowls









Bowl - 5 litre

Code: 81-5040 Product Group: Beakers and Bowls









Bowl - 11 litre

Code: 81-5060 Product Group: Beakers and Bowls









Spatula 100 mm

Code: 81-0100 Product Group: Spatulas







Electronic Balance - 4 500 g x 0.01 g

Code: 78-5456/01 Product Group: Electronic Balances

Further Information

Not available for sale in the USA

Specification

Capacity resolution Pan size Mains and battery Dimensions (I x w x h) Weight 4500 g x 0.01 g 160 x 160 mm No 260 x 170 x 90 mm 6 kg







Electronic Balance - 20 000 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 Pan size Mains and battery Dimensions (I x w x h) Weight 20000 g x 0.1 g 340 x 300 mm Yes 314 x 460 x 125 mm 18 kg





BS Standard Compaction Mould 1000Cm Capacity.

Code: 24-9000

Product Group: Accessories for BS compaction and CBR, BS/EN compaction test 2.5kg

Plated steel standard compaction mould to BS 1377, comprising of a collar mould body and base plate with quick release wing nuts for easy dismantling.

Standards

BS 1377-4, BS 1924-2

Specification

Mould volume Dimensions Construction

Weight

1 litre 105 mm dia x 115.4 mm high All steel, threaded studs with wing nuts, plated. 5.5 kg

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Standard Compaction Rammer 2.5Kg BS1377-1975

Code: 24-9002

Product Group: BS/EN compaction test 2.5kg

50mm diameter with 300mm drop, manufactured from corrosion protected steel.

Standards BS 1377-4, BS 1924-2

Specification

Rammer Drop Guide Sleeve

Finish Weight kg 50 mm dia, 2.5 kg 300 mm Machined steel tubing with air pressure release holes Corrosion resistant 4.2









BS Compaction Rammer 4.5Kg Wt.

Code: 24-9004 Product Group: BS/EN compaction test 4.5kg, Straightedge

50mm diameter with 450mm drop, manufactured from corrosion protected steel.

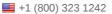
Standards BS 1377-4, BS 1924-2

Specification

Rammer Drop Guide Sleeve

Finish Weight kg 50 mm dia, 4.5 kg 450 mm Machined steel tubing with air pressure release holes Corrosion resistant 7.5





ELF



Proctor Mould

Code: 24-9060 Product Group: Accessories for ASTM and Proctor compaction, Proctor compaction

Standards

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

Specification

Dimensions Rammer Mould Volume Construction

Weight

101.6 mm dia x 116.4 mm high 1/30 ft³ All steel, threaded studs with wing nuts, plated. 5.4 kg







ASTM/Modified Proctor Compaction Rammer 4.5Kg.

Code: 24-9070 Product Group: ASTM/Modified Proctor compaction, Modified Compaction Hammer

50.8mm diameter x 457.2 mm drop.

Standards ASTM D1557, AASHTO T180

Specification

Hammer

Drop Guide Sleeve

Finish Weight 2" diam. (50.8 mm); 10 lbs. (4.5 kg). 18" (457.2 mm). Machined steel tubing with integrally spun end cap; air pressure release holes. Corrosion resistant Net 6.3 kg (14 lbs)







BS Cbr Mould Body.

Code: 24-9198 Product Group: BS EN CBR mould, Accessories for BS compaction and CBR

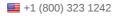
Standards ASTM D1883, AASHTO T193

Specification

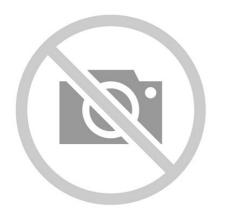
Mould

Collar

Base plate Construction Weight kg 152 x 127 mm (inside diameter x height)51 mm height, fits both ends of mouldSolid, fits both ends od mouldAll steel, plated7.3







BS Extension Collar

Code: 24-9200 Product Group: BS EN CBR mould accessories, Accessories for BS compaction and CBR







BS Solid Base or Top Plate

Code: 24-9204 Product Group: BS EN CBR mould accessories, Accessories for BS compaction and CBR





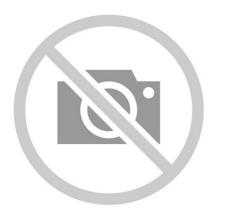


BS Perforated Base Plate.

Code: 24-9202 Product Group: BS EN CBR mould accessories To fit mould body







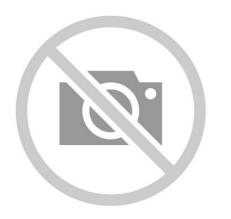
Cbr Cutting Collar with Area Ratio of 21.9% to Fit BS Moulds.

Code: 24-9206 Product Group: BS EN CBR mould accessories

To fit BS/EN mould body.







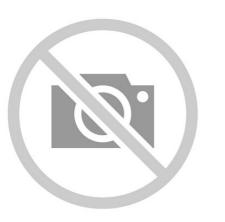
C-Spanner for BS Cbr Mould. Two Required.

Code: 24-9208 Product Group: BS EN CBR mould acccessories To fit BS/EN CBR moulds and collars. Two required.

Standards BS 1377-4, BS 1924-2, EN 13286-4







Base Plate Tool for BS Mould

Code: 24-9210 Product Group: BS EN CBR mould accessories

To fit into base plate to assist removal from mould body.







2Kg Split Surcharge Weight.

Code: 24-9216 Product Group: BS EN CBR mould accessories





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

Code: 34-0130 Product Group: Precision Air Entrainment Meter, Slump Test, Accessories for Concrete Moulds

Steel, 600 mm long x 16 mm dia, hemispherical at both ends

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







Filter Papers 150mm Dia Equivalent to Whatman No 1. Box of 100.

Code: 24-9220 Product Group: BS EN CBR mould accessories Box of 100.







Swell Plate

Code: 24-9260 Product Group: Expansion (swell) Test Equipment, Swell Plate

With adjustable stem.

Standards ASTM D1883, AASHTO T193

Specification

Base Plate

Contact Head

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



ELF



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

Contact Head

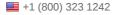
Construction Weight Machined, one-piece cast aluminum. Integral part of ssembly; holds dial indicator. 2" I. (50.8 mm) included. Net 1 lb. (0.4 kg).

Spares/Consumables



Dial Indicator - 1.0" Range

Code: 88-4100







Soaking Tank.

Code: 25-0613 Product Group: Compaction Permeameter

With fixed overflow. Used for containing permeability cell during test.







Dial Gauge 25mm Travel X 0.01mm Divisions.

Code: 24-9275 Product Group: Expansion (swell) Test Equipment 25 mm travel x 0.01 mm.





150mm Dia Gravel Auger Head.

Code: 23-1517 Product Group: Soil and Gravel Auger Heads

Comprises one piece steel casting with a spiral point and two plates designed to close when lifting samples from the borehole; suitable for gravel and sand.





100mm Dia Soil Auger Head

Code: 23-1501 Product Group: Soil and Gravel Auger Heads

Constructed of heavy-duty steel plates; partly interlocked at the cutting end and suitable for cohesive soils.





50mm Dia Dutch Soil Auger Head.

Code: 23-1525 Product Group: Soil and Gravel Auger Heads

Constructed of heavy-duty steel plates; partly interlocked at the cutting end and suitable for fine, silty sand.





38mm Diameter Sample Tube 230mm Long Complete with End Caps.

Code: 23-1577 Product Group: Extension Rods, Handles and Tools Supplied without Adaptor, but with two end caps









Soil Hydrometer BS EN DD ENV graduated 0.995 to 1.030 g/ml

Code: 24-4620 Product Group: Soil Hydrometers

Graduated 0.995 to 1.030 g/ml.

Standards ASTM D422, BS 1377, EN 1997-2, ASTM E100, AASHTO T88







Hydrometer Sedimentation Cylinder

Code: 24-4700 Product Group: Hydrometer Sedimentation Cylinder, Hydrometer Jar

Glass, 1000 ml capacity complete with rubber bung.

Standards BS 1337, ASTM D422, AASHTO T88

Further Information

1000MI Glass

Spares/Consumables



Solid Rubber Stopper

Code: 4699-0881







Sodium Hexametaphosphate 500G.

Code: 24-4145 Product Group: Sodium Hexametaphosphate, Mechanical Analysis Stirrer

Standards ASTM D422, AASHTO T88, ASTM E100

Spares/Consumables



Solid Rubber Stopper

Code: 4699-0881







Nomographic Chart for The Determination of Stokes Law.

Code: 24-4800 Product Group: Hydrometer Sedimentation Cylinder

For the determination of Stoke's Law.

Standards ASTM D422, AASHTO T88





Pyknometer Complete with Non-Corrodable Cone and Rubber Seal 1Kg Capacity

Code: 24-2885 Product Group: Particle Density: Pyknometer Methods, Pycnometer Top and Jar

Glass jar complete with noncorrodible cone.

Standards

BS 1377, BS 812-2, EN 1097-7, EN 1997-2, ASTM D854, AASHTO T100, ASTM C128, AASHTO T84









Density Bottle 25Ml.

Code: 24-2890 Product Group: Particle Density: Pyknometer Methods

Supplied complete with capillary vent stopper. Conforms to BS 733 and ISO 3507. Gay-Lussac type.

Standards BS 1377, BS 812-2, EN 1097-7, ASTM D854, AASHTO T100









50MI Density Bottle with Perforated Stopper.

Code: 24-2900

Product Group: Particle Density: Pyknometer Methods

Supplied complete with capillary vent stopper. Conforms to BS 733, and ISO 3507. Gay-Lussac type.

Standards ASTM C128, AASHTO T84







100MI Density Bottle with Perforated Stopper.

Code: 24-2950 Product Group: Particle Density: Pyknometer Methods

Supplied complete with capillary vent stopper. Gay-Lussac type.

Standards ASTM C128, AASHTO T84





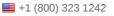


Gas Jar 75mm Dia X 300mm with Glass Cover and Rubber Bung.

Code: 24-2830 Product Group: Gas Jar Method

1 litre capacity complete withrubber bung and glass cover.

Standards BS 1377, EN 1997-2





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

Code: 23-4090 Product Group: Soil Extruders

This Sample Extruder comprises a vertically mounted lever action hydraulic jack, with the body extended to form a chamber which accommodates a 38 mm diameter sample tube. Supplied complete with trimming knife, 38 mm split former and wire saw.

Standards BS 1377-1

