



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

This wishlist was generated on 11/02/2020, and contains the following Products:

24-2885

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

24-2890

**Density Bottle 25ML.**

24-2900

**50ML Density Bottle with Perforated Stopper.**

24-2950

**100ML Density Bottle with Perforated Stopper.**

24-4620

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

24-4640

**Soil Hydrometer Type 152H ASTM/Aashto Graduated -5 to + 60G/Litre.**

24-4650

**Soil Hydrometer Type 151H ASTM D422 Graduated 0.995 to 1.038 Specific Gravity.**

24-9184

**Penetration/Swell Dial Gauge ASTM.**

24-9188

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

24-9228

**ASTM Cbr Mould Complete with Collar & Perferated Base**

24-9236

**ASTM Cutting Collar.**

24-9238

**ASTM Spacing Disc.**

24-9240

**Filter Screen 150mm Dia with 0.15mm Mesh.**

24-9243

## 4.5Kg Annular Surcharge Weight ASTM.

---

24-9244

## 5Lb (2.27Kg) Split Surcharge Weight.

---

24-9250

## Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

---

24-9260

## Swell Plate

---

24-9262

## Swell Stand

---

27-1300/01

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

---

27-1559

## 50kN S-type Load Cell

---

27-1705

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

---

27-1798

## DS7.2 California Bearing Ratio (CBR) Penetration Program for Windows 7, 32/64 bit

---

42-0410

## Flakiness Gauge.

---

42-0600

## Set of Flakiness Sieves

---

42-0820

## Length Gauge

---

42-0821

## 3.1 Shape Index Caliper.

---

78-3104/01

## Digital Hotplate

---

82-8600/01

## Water Bath - 18 litres

---

---

83-5416

**Dial Gauge**

---



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

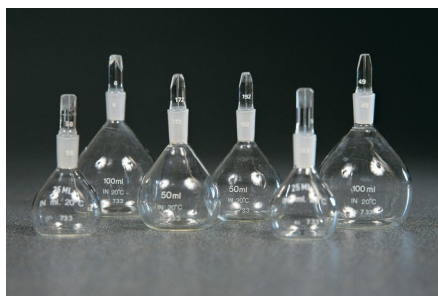
Code: [24-2885](#)

Product Group: [Particle Density: Pyknometer  
Methods, Pycnometer Top and Jar](#)

Glass jar complete with non-corrodable cone.

## Standards

ASTM C128, AASHTO T84



## Density Bottle 25ML.

Code: [24-2890](#)

Product Group: [Particle Density: Pyknometer Methods](#)

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

## Standards

EN 1097-7, ASTM D854, AASHTO T100, ISO 3507



## 50ml 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



## 100ml Density Bottle with Perforated Stopper.

Code: [24-2950](#)

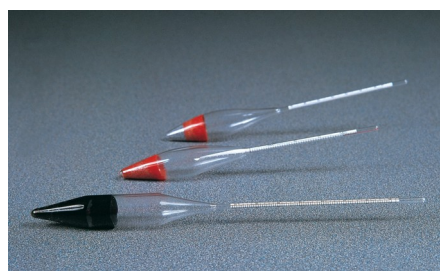
Product Group: [Particle Density: Pyknometer Methods](#)

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

## Standards

ASTM C128, AASHTO T84





## 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



## Soil Hydrometer Type 152H ASTM/Aashto Graduated -5 to + 60G/Litre.

Code: [24-4640](#)

Product Group: [ASTM Soil Hydrometers, Soil Hydrometers](#)

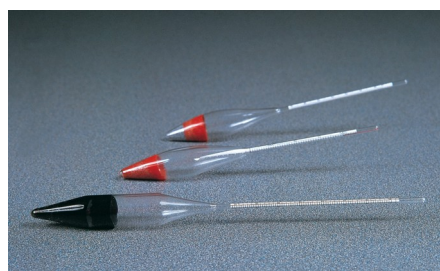
Graduated -5 to +60 g/litre.

## Standards

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

## Specification

Construction	Molded, seamless.
Scale	Bouyoucos; double scale.
Calibration	At 68°F.
Weight	Net 4 oz. (113 g).



## Soil Hydrometer Type 151H ASTM D422 Graduated 0.995 to 1.038 Specific Gravity.

Code: [24-4650](#)

Product Group: [ASTM Soil Hydrometers, Soil Hydrometers](#)

Graduated 0.995 to 1.038 g/ml.

## Standards

ASTM D422, ASTM E100, AASHTO T88

## Specification

Construction	Molded, seamless.
Scale	Bouyoucos; double scale.
Calibration	At 68°F.
Weight	Net 4 oz. (113 g).



## 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



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

Code: [24-9188](#)

Product Group: [In-situ CBR](#), [Conversion of In-situ to Laboratory CBR](#), [Penetration Measurement](#)

Dual purpose mounting bracket for CBR penetration dial gauges. Allows gauge to be fixed to penetration piston or load ring.

### Standards

BS 1377, BS 1924



## ASTM Cbr Mould Complete with Collar & Perforated Base

Code: [24-9228](#)

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

With collar and perforated baseplate.

Steel mould, corrosion resistant finish, supplied with collar and perforated base plate.

Designed to accept optional cutting collars and solid baseplates.

## 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



## 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).



## ASTM Spacing Disc.

Code: [24-9238](#)

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

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).





## Filter Screen 150mm Dia with 0.15mm Mesh.

Code: [24-9240](#)

Product Group: [ASTM/AASHTO CBR mould accessories](#), [Filter Screen](#)

150 mm dia, 150 µm mesh for use with ASTM mould.

## Specification

Mesh

Brass; number 100.

Size

5-15 /16" diam. (135 mm).

Weight

Net 1 oz. (28 g).



## 4.5Kg Annular Surcharge Weight ASTM.

Code: [24-9243](#)

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



## 5Lb (2.27Kg) Split Surcharge Weight.

Code: [24-9244](#)

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

### Specification

Construction

Machined steel.

Finish

Plated.



## Filter Paper Equivalent to Whatman No 5 150mm Dia Box of 100.

Code: [24-9250](#)

Product Group: [Filter Paper, ASTM/AASHTO CBR  
mould accessories](#)

Box of 100.

## Standards

ASTM D1883, AASHTO T193

## Specification

Grade	Coarse.
Size	15 cm diam. (5.9â€³).
Weight	Net 8 oz. (227 g).



## 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).



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

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

Product Group: [Data Logging with the DSU](#), [Electronic Instrumentation](#), [Automatic Data Acquisition - CBR](#), [Electronic Instrumentation](#), [Electronic Instrumentation](#), [Data Logging with the DSU](#)

· Download the full brochure here  
[[/Page/catalogue-download/NTRmZS9UaGUgTkVXIERTVSBVU0EucGRm](#)]

- 4 channel automatic control and data-logging unit
- Automatic, dual-frame control
- Performs CBR, Marshall, Unconfined Compression, Direct and Residual Shear, One-Dimensional Consolidation and Unconsolidated Undrained tests
- LAN connection - software can be running anywhere on your server
- Never lose data from power fails - 2 gigabytes of non-volatile memory
- Extended warranty

The Data System Unit (DSU) is a versatile instrument designed to accommodate the general logging requirements of geotechnical and materials testing engineers. Its intelligent interface allows the user to work with a range of different sensors.

## Further Information

The DSU has two distinct modes of operation. The first is referred to as DS mode (DataSystem) for operation with ELE International's established DS7 geotechnical testing software.

### DS MODE

- Up to four one dimensional consolidation tests
- Up to two CBR tests
- One direct/residual shear test
- One triaxial quick un-drained test

### DU MODE

- Up to two Marshall tests
- Up to two CBR tests
- Up to two Unconfined compression tests
- Automatic frame control

### OVERVIEW

- Touch Screen data entry for standalone operation, Marshall/CBR/Quick un-drained
- Automatic single and dual frame control (with multiplex 50 frame)
- Log memory of 2 gigabytes
- Non-volatile memory
- Ethernet TCP/IP link and serial comms support
- Market leading signal stability
- Certificate and manual calibration features

Become a member of the ELE International web site, add this new product to a wishlist to receive a quote! Click here [\[Login\]](#)

This product is now available in the USA and Canada!





## 50kN S-type Load Cell

Code: [27-1559](#)

Product Group: [Load Measurement](#), [Electronic Instrumentation](#), [Force measurement](#), [Electronic Instrumentation](#)

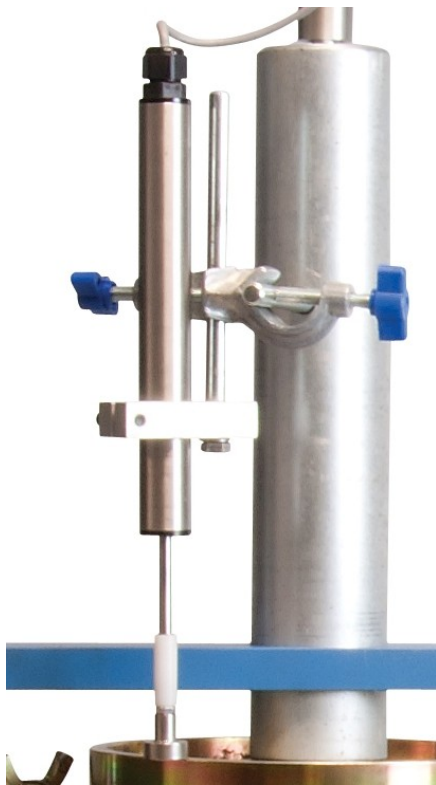
Maximum working capacity of 50 kN and excitation 10 V AC/DC with an output of 2.7 mV/V nominal. Aluminium alloy and Stainless Steel construction with IP65 environmental protection. Fitted with 5-pin DIN plug.

## Standards

EN 12697-34

## Further Information

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



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

Code: [27-1705](#)

Product Group: [Penetration Measurement](#),  
[Penetration Measurement](#)

- Ideally suited for use with GDU for accurate displacement measurements
- Models available for use in consolidation, shear, CBR and triaxial test applications
- Supplied complete with mounting hardware for specified products

Displacement Transducers are used in consolidation, shear, CBR and triaxial test applications for accurate displacement measurements. They are supplied complete with a 5-pin DIN type connector for direct connection to the GDU.

## Specification

Construction	Fully encapsulated electronics, sealed in a stainless steel case
Excitation	14 V DC
Connector	5-pin DIN type
Mounting bracket	Included as standard
Weight kg	0.45



### **DS7.2 California Bearing Ratio (CBR) Penetration Program for Windows 7, 32/64 bit**

Code: [27-1798](#)

Product Group: [DS7.2 CBR Penetration Software](#),  
[DS7.2 for Windows 7, Automatic Data Acquisition -](#)  
[CBR, DS7.2](#)

This program provides the classical data for the CBR test. Load and penetration are monitored simultaneously. The program tabulates the results and provides a graphical presentation report.



## Flakiness Gauge.

Code: [42-0410](#)

Product Group: [Flakiness Sieves and Gauges](#)

Constructed of heavy gauge sheet steel to the dimensions specified in BS 812.

## Standards

BS 812

## Further Information

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



## Set of Flakiness Sieves

Code: 42-0600

Product Group: [Flakiness Sieves and Gauges](#)

Comprising 1 each of, 4.9 mm, 7.2 mm, 10.2 mm, 14.4 mm, 19.7 mm, 26.3 mm and 33.9 mm

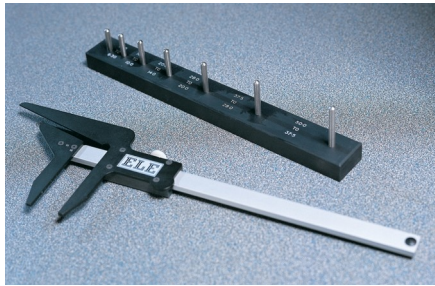
Standard BS 813

## Standards

BS 813

## Further Information

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



## Length Gauge

Code: [42-0820](#)

Product Group: [Elongation Index](#)

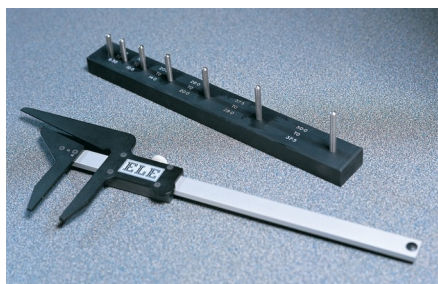
Manufactured to the dimensions specified in BS 182.

## Standards

BS 812-105

## Further Information

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



## 3.1 Shape Index Caliper.

Code: [42-0821](#)

Product Group: [Determination of the Shape Index](#)

Designed to measure the ratio of length to width of individual aggregate particles.

## Standards

EN 933-4

## Further Information

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



## Digital Hotplate

Code: 78-3104/01

Product Group: Digital Hotplate

## Further Information

**\*\*Not available for sale in the USA\*\***

## Specification

Dimensions	520 x 360 x 130 mm
Construction	Robust metal with anodised aluminium plate heated surface
Maximum temperature	300 x 1°C
Rated power	1500 W





## Water Bath - 18 litres

Code: [82-8600/01](#)

Product Group: [Water Baths](#)

## Further Information

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

## Specification

Capacity	18 litres
Working area	390 x 300 mm
Tray	Yes
Max Water Depth	131 mm
Controller	Digital
Temperature range and stability °C	1 to 99.9 ± 0.1
Electrical supply	221 – 240 V AC, 50 - 60 Hz, 1 ph
Rated power kW	1.6
Weight	9.2 kg



## Dial Gauge

Code: [83-5416](#)

Product Group: [Dial Gauges](#)

## Specification

Diameter mm	57
Travel mm	25
Grad. Mm	0.01
Scale	RH
Anvil	Ball
Back type	C