



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

This wishlist was generated on 24/02/2016, and contains the following Products:

24-9150/01

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

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.

24-9182

Penetration Piston

24-9188

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

24-9214

2Kg Annular Surcharge Weight

24-9216

2Kg Split Surcharge Weight.

27-1798

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

78-0860

50kN Load Measuring Ring

24-9186

Penetration Dial Gauge BS

24-9010

Straight Edge 300mm.

23-4250

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



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

Code: [24-9150/01](#)

Product Group: [Load frames](#)

- Single speed machine (BS/EN and ASTM)
- Rapid platen adjustment
- Complete with stabilising bar
- Compact, bench-mounting design
- Options for mechanical or electronic measurement

Designed for performing laboratory CBR tests to BS 1377, EN13286-47 and ASTM D1883, this bench mounting machine comprises a twin column frame incorporating a motorised drive system. Rapid adjustment of the platen is provided, which enables daylight to be taken up quickly and also close control of application of a seating load.

Standards

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

Specification

Dimensions (l x w x h)	550 x 400 x 1220 mm
Max vertical clearance	800 mm
Horizontal clearance	255 mm
Platen diameter	133 mm
Platen travel	105 mm
Weight kg	80



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

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

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

- Download the full brochure here [\[../../../../Page/the-new-dsu\]](#)
- 4 channel automatic control and data-logging unit
- Automatic, dual-frame control
- Performs CBR, Marshall, Unconfined Compression, Direct and Residual Shear, One-Dimensional Consolidation, Unconfined Undrained, Consolidated Drained and Unconsolidated Drained 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

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

Please note that this product is not yet available in the USA, we will let you know as soon as it is ready!



50kN S-type Load Cell

Code: [27-1559](#)

Product Group: [Force measurement, Load 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.

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 and 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



Penetration Piston

Code: [24-9182](#)

Product Group: [Penetration and measurement](#)

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



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 and measurement](#)

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



2Kg Annular Surcharge Weight

Code: [24-9214](#)

Product Group: [BS EN CBR mould and accessories](#)

Standards

BS 1377, BS 1924, EN 13286-4, EN 1997-2



2Kg Split Surcharge Weight.

Code: [24-9216](#)

Product Group: [BS EN CBR mould and accessories](#)

Standards

BS 1377, BS 1924, EN 13286-4, EN 1997-2



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

Code: [27-1798](#)

Product Group: [DS7, Automatic data acquisition,](#)
[DS7.2 CBR Penetration Software](#)

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.



50kN Load Measuring Ring

Code: 78-0860

Product Group: Clamped Boss Load Rings, Digital Tritest 50 Load Frame, Proving Rings, Accessories for the Marshall test, CBR-Test 50 Machine, Load Measurement, CBR Loading Press, Hand-Operated, Force measurement, Load 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
Capacity	50 kN
Value of CBR	Above 40%
Capacity - lbf	11,200
Capacity - kN	50
Capacity - kgf	5,000
Typical Design Sensitivity - lbf/div	10.18
Typical Design Sensitivity - kN/div	45.5
Typical Design Sensitivity - Kgf/div	4.54
Overall Height	9.76" (248 mm)
Approx Weight	17.4 lbs.(7.9 kg)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: 78-5461



Penetration Dial Gauge BS

Code: [24-9186](#)

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

Complete with rack extensions and chisel edge anvil. 25 mm travel x 0.01 mm divisions.



Straight Edge 300mm.

Code: 24-9010

Product Group: Straightedge, BS/EN compaction test
4.5kg, Proctor compaction

300 mm

Standards

BS 1377-4, BS 1924-2, EN 1997-2, ASTM D698, ASTM D1557, AASHTO T99

Specification

Construction

Flat ground tool steel; beveled edge.

Dimensions

12" l. x 1-1/4" w. x 1/8" thick (305 x 32 x 3 mm).

Weight

Net 9 oz. (255 g).



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

Code: [23-4250](#)

Product Group: [Soil Extruders](#)

Comprises a frame and hydraulic jack with adaptor plate supplied. Extrudes samples from BS CBR Mould and ASTM CBR Mould.

Standards

BS 1377-1