

















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

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

Code: 24-9150/01

Product Group: Load frames

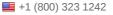
- Single speed machine (BS/EN and ASTM)
- Rapid platen adjustment
- Complete with stabilising bar
- Compact, bench-mounting design
- Options for mechanical or electronic measurement

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 ($I \times w \times h$)	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

 \cdot LAN connection - software can be running anywhere on your server

 \cdot 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 accomodate 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



ET.F



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

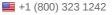
• Supplied complete with mounting hardware for specified products

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

Specification

Construction

Excitation Connector Mounting bracket Weight kg Fully encapsulated electronics, sealed in a stainless steel case 14 V DC 5-pin DIN type Included as standard 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 Typical Design sensitivity: N/div, kgf/div, lbf/div	50.0, 5000, 11,200 45.5, 4.54, 10.18
Overall height mm	248
Approx weight kg	7.9
Capacity	50 kN
Value of CBR	Above 40%
Capacity - Ibf	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



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

Dimensions

Weight

Flat ground tool steel; beveled edge. 12 â00 l. x 1-1/4â00 w. x 1/8â00 thick (305 x 32 x 3 mm). 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

