



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

# Contents

www.ele.com  
+44 (0) 01525 249 200



This wishlist was generated on 14/07/2017, and contains the following Products:

---

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**

---

45-6820/11

**Flow Transducer**

---



## 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](#), [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 TCPIP 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!

---

## Accessories



### Cable, Safety/ID

Code: [27-1300/11](#)



### Dual Frame Comms Cable

Code: [27-1300/10](#)



### PC Cable

Code: [27-1300/12](#)

---

## Alternatives



### DSU Electronic Readout and Control System 110 V AC 60 Hz

Code: [27-1300/02](#)



## Marshall Test 50

Code: [45-6810/01](#)

---



## Marshall Test 50

Code: [45-6810/06](#)



## 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.

## Standards

EN 12697-34

## Further Information

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

## Accessories



## Breaking Head (Marshall)

Code: [45-6850](#)



## S-Type Load Cell 5 kN.for Triaxial Tests. Fitted with 5 Pin Din Plug.

Code: [27-1551](#)

## Alternatives



## Breaking Head (Marshall)

Code: [45-6850](#)



## S-Type Load Cell 5 kN. for Triaxial Tests. Fitted with 5 Pin Din Plug.

Code: [27-1551](#)





## 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, Automatic Data Acquisition - CBR](#), [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.



## Flow Transducer

Code: [45-6820/11](#)

Product Group: [Electronic Instrumentation](#), [Electronic Instrumentation](#), [Electronic Instrumentation](#)

Pre-calibrated, for use with breaking heads:

45-6850, for use with Marshall Load Frame  
45-6810/01 and 45-6810/06.

45-6855, for use with Marshall Stability Tester  
45-6829/02 and 45-6829/06.

## Standards

EN 12697-34

## Further Information

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