

## Marshall Test 50 Machine

BS 598-107, prEN 12697-34

- **50 kN capacity**
- **Geared screwjack and motor drive**
- **Precise speed**
- **Internal limit switch for both directions of travel**
- **Easy to use controls**

This bench-mounting mechanical load frame is ruggedly constructed to encompass the strain and loads involved with the test. The unit is compact in size and can be quickly installed on the bench top, requiring only a power point. It has been designed for simple operation and is easy to clean requiring minimal maintenance.

### Specification

Dimensions (l x w x h)	550 x 375 x 890 mm
Nominal platen travel	25 mm
Platen diameter	133.3 mm
Platen speed	50.8 mm/min
Weight	58 kg

### Ordering Information

**45-6810** series Marshall Test 50

**45-6810/01** for 220-240 V AC, 50 Hz, 1ph

**45-6810/02** for 110-120 V AC, 60 Hz, 1ph

### Accessories

**45-6880** **Flow Meter BS 598**

Dial gauge graduated 0.01 mm with 25 mm travel.  
Supplied with stem brake unit and flow meter pedestal.  
Weight 610 g

**45-6890** **Flow Meter ASTM**

Dial gauge graduated 0.001 inches with 1 inch travel.  
Supplied with stem brake unit and flow meter pedestal.  
Weight 610 g

**45-6850** **Breaking Head (Marshall)**

Complete with gauge disc. Conforms to BS 598.  
Supplied **without** flow meter. Weight 9 kg

**78-0860** **50 kN Load Measuring Ring**

Calibrated in compression.



Marshall Test 50 Machine with Electronic Control & Readout Unit and Accessories

### Transducerised Reading and Digital Display

**27-1200/09**

**Electronic Control & Readout Unit**

For 110-240 V AC, 50/60 Hz, 1ph

**27-1260**

**50 kN 'Z' Beam Load Transducer**

**45-6820/11**

**Flow Transducer, pre-calibrated**

**ELE International**

Chartmoor Road, Chartwell Business Park,  
Leighton Buzzard, Beds, LU7 4WG, England  
Tel: +44 (0) 1525 249 213  
Fax: +44 (0) 1525 249 249  
e-mail: [ele@eleint.co.uk](mailto:ele@eleint.co.uk)  
<http://www.ele.com>

**Distributor:**

**ELE International**

PO Box 389  
Loveland, CO 80539-0389 U.S.A.  
Tel: +1 (970) 663-9780  
Fax: +1 (970) 663-9781  
e-mail: [soiltest@eleusa.com](mailto:soiltest@eleusa.com)  
<http://www.eleusa.com>