

## Cone Penetrometer

BS 1377-2, 1924-2, EN DD ENV1997-2

- **Reduces operator error**
- **Applicable to a wide range of soils**
- **Gives reproducible test results**
- **Provides direct measurement of penetration**

The method is fundamentally more satisfactory than the Casagrande method as it is essentially a static test depending on the soil shear strength. The test is based on the relationship between moisture content and the penetration of a cone into the soil sample under controlled conditions.

### Specification

Dial indicator	150 mm diameter graduated in 400 x 0.1 mm divisions, indicator point incorporates friction/gear system
Height Adjustment	Rapid, using integral clamping mechanism
Cone release	Manual
Cone	1 x 30°C, 35 mm test cone included
Base	Cast aluminium, adjustable levelling feet
Weight	6 kg

### Ordering Information

**24-0540** Cone Penetrometer

### Accessories

**24-0546** Test Gauge

For checking the condition of the Cone Point. Weight 30 g

**24-0548** Penetration Test Cup

55 mm diameter by 40 mm deep, with the rim parallel to the flat base. Weight 100g

### Spares

**24-0544** Penetration Test Cone

Stainless steel, 35 mm long with smooth surface at an angle of 30°C. Weight 100g



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