

## CEMENT TESTING

### CONE PENETROMETER



■ SC-145 Cone Penetrometer

#### ■ STANDARD:

BS 1377, 1924-2, EN DD ENV 1997-2

#### General description and specifications

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.

Dial indicator	150 mm diameter, indicator point incorporates friction/gear system
Height adjustment	Rapid, using integral clamping mechanism
Cone release	Manual
Cone	1 x 30°, 150 mm test cone included
Base	cast iron, adjustable leveling feet
Weight(approx)	20kg

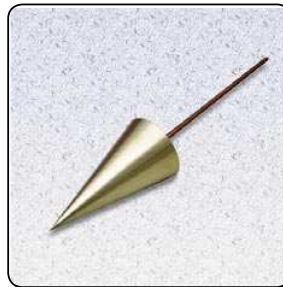
#### ■ Accessories

▼ **Test Gauge.** For checking the condition of the Cone Point. Weight 30 g

▼ **Penetration Test Cup.** 155 mm diameter by 150 mm deep, with the rim parallel to the flat base. Weight 1600g

#### ■ Spares

▼ **Penetration Test Cone.** Brass, 150mm long with smooth surface at an angle of 30°. Weight 100 g



■ Penetration Test Cone



■ Penetration Test Cup.

### COMPRESSION JIG



#### Specifications

- Distance between platens:  $40 \pm 0.1\text{mm}$
- Overall Dimension: 100 dia. x 165mm
- Weight approx.: 5kg