## SOIL

S

section

396

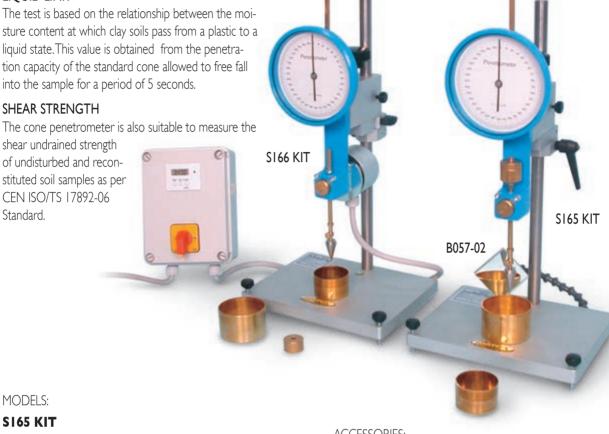
#### **Cone penetrometer method for:**

- Liquid Limit determination.

- Shear Strength determination. STANDARD: CEN ISO/TS 17892-06

STANDARDS: CEN ISO/TS 17892-12 / BS 1377:2 / NF P94-052-1

#### LIOUID LIMIT



# **Cone dial penetrometer**

The cone penetrometer consists of:

- Aluminium base with levelling screws and spirit level.
- Chromed vertical rod with "micrometric vertical displacement device"
- Dial gauge 150 mm diameter, graduated in 360°, division 0,1 mm
- Slider, brass made, with free fall, stop and release push button, automatic zero set.
- Stainless steel penetration test cone 35 mm long, 30° angle
- Weight 20 g.
- Two brass cups dia. 55x35 mm and 70x45 mm

Dimensions: 220x170x410 mm

Weight: 13 kg approx.

#### ACCESSORIES.

- **SI66-03** TEST GAUGE, to check the condition of the cone point 30° angle.
- **B057-02** MIRROR, to facilitate the height adjustment of the cone.
- **SI66-04** TEST CONE 60° angle and 60g weight (liquid limit and shear strength tests).
- **SI66-05** TEST GAUGE, to check the condition of the cone point 60° angle.
- **S166-06** WEIGHT, 320g to be added to the cone 30° angle, to get a total weight of 400g (shear strength test)

#### SPARE PARTS:

- **SI66-OI** Test cone 35 mm long and 30° angle.
- **S166-02** Weight 20g to be added to the cone 30° angle, to get a total weight of 100g
- VI22-05 Brass cup dia. 55x35 mm
- VI22-06 Brass cup dia. 70x45 mm



### **S166 KIT**

## Semiautomatic cone dial penetrometer

Basically structured as mod. S165KIT, but equipped with a magnetic controller device with electronic digital programmable timer that automatically releases the plunger head and ensures free falling of the cone during the 5-seconds test.

Supplied complete. Power supply: 230V Iph 50Hz 200W Dimensions: 220x280x410 mm Weight: 15 kg approx.

material testing equipment