

## Cone Penetrometer Test

### DESCRIPTION:

The Cone Penetrometer is used to carry on liquid limit tests on soil samples.

It is 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 pre-set conditions.

### TECHNICAL SPECIFICATIONS:

Dimensions	Weight
230x175x415 mm	9.7 kg

BS 1377	Yes
BS 1924-2	Yes
Voltage Supply	220-240 V 50/60 Hz
Weight, kg	8.6
Description	Semi-Automatic Cone Penetrometer
Cone Release	Semi-Automatic
EN 1997-2	Yes



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

### MAIN FEATURES:

- Adjustable crank
- Different models with the same shape

### ORDERING:

**SL 0724**  
Semi-Automatic Cone Penetrometer supplied complete

**SL 0725**  
Fully Automatic Cone Penetrometer supplied complete

## Strength of Stabilized Soil

### DESCRIPTION:

To perform the unconfined compressive strength of hydraulically bound mixtures of fine and medium-grained soil specimens, the main Standards require to manufacture the test specimens using a suitable mould set kit.

Several versions are available according to the Standard: EN 13286-53 NF P94-100



Each test set conforming to  
1 mould,  
set of 2 end plugs  
set of 2 plug displacing collars with  
3 different heights (5.00 mm; 8.33 mm  
and 12.50 mm)  
1 demoulding plunger  
1 specimen collector

Each test set conforming to NF P94-100 includes:

1 mould  
5 stainless steel casing  
2 compaction plugs  
1 set of plug displacing collars  
1 demoulding plunger  
1 specimen collector

EN 13286-53; NF P94-100

### ORDERING:

**SL 0726**  
EN Stabilized soil set for fine and medium grained soils, specimen size  $\varnothing$  50x50 mm, according to EN 13286-53

**SL 0727**  
EN Stabilized soil set for fine and medium grained soils, specimen size  $\varnothing$  50x100 mm, according to EN 13286-53

**SL 0728**  
EN Stabilized soil set for fine and medium grained soils, specimen size  $\varnothing$  100x100 mm, according to EN 13286-53

**SL 0729**  
EN Stabilized soil set for fine and medium grained soils, specimen size  $\varnothing$  100x200 mm, according to EN 13286-53

**SL 0730**  
NF Stabilized soil set for fine and medium grained soils, specimen size  $\varnothing$  50x50 mm, according to NF P94-100