



Datasheet



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Poket Dial Penetrometer

DESCRIPTION:

The Pocket Penetrometer is used in field exploration and comparing similar types of soil.

Classifying cohesive soils in terms of consistency and estimation of approximate unconfined compressive strength and shear strength.

The cylindrical tip of 0.32 cm² area penetrates into the soil up to 6mm market point. A cursor on the scale reads directly unconfined compressive strength in kgf/cm².



TECHNICAL SPECIFICATIONS:

	SL 0115	SL 0116
Tip Diameters	4.5 mm dia. for very hard soil; 6.35 mm for medium and soft soil; 8.98 mm for soft soil.	4.5 mm dia. for very hard soil; 6.35 mm for medium and soft soil; 8.98 mm for soft soil.
Measuring range	0 to 1000 kPa	0 to 500 kPa
Dimensions (assembled)	210 mm length x 20 mm dia. approx.	20 mm dia. x 173 mm length
Weight approx.	0.5 kg	0.5 kg

MAIN FEATURES:

- Portable
- Easy-to-use

ORDERING:

- SL 0115**
Heavy Duty Pocket Penetrometer
- SL 0116**
Heavy Duty Pocket Penetrometer with three interchangeable tips

Dynamic Cone Penetrometer

DESCRIPTION:

The Dynamic Cone Penetrometer is used for the rapid, in situ measurement of structural properties of existing road pavement constructed with unbound materials.

It incorporates an 8 kg weight dropping through a height of 575 mm and 60° cone having a diameter of 20 mm. with the standard DCP measurements can be made down to a depth of approximately 850 mm or when extension shafts are used to a recommended maximum depth of 2 m.

Readings are usually taken after a set number of blows, changing the number according to the strength of the layer being penetrated.



BS 1377, 1924, 812; EN 932-1

MAIN FEATURES:

- Efficient method

ORDERING:

- SL 0117**
Dynamic Cone Penetrometer set

ACCESSORIES:

- SL 0117-1**
Cones
- SL 0117-2**
Extension Rods

TECHNICAL SPECIFICATIONS:

Dimensions	1200x350x200 mm
Weight (approx.)	30 kg

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