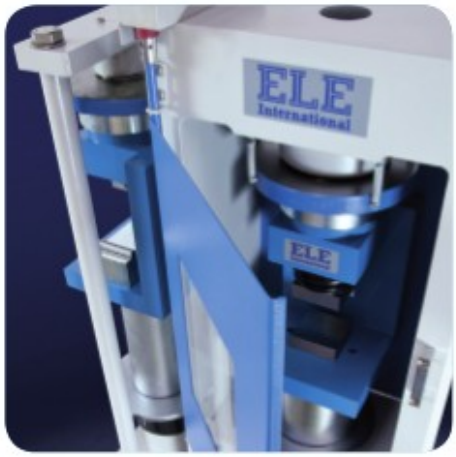

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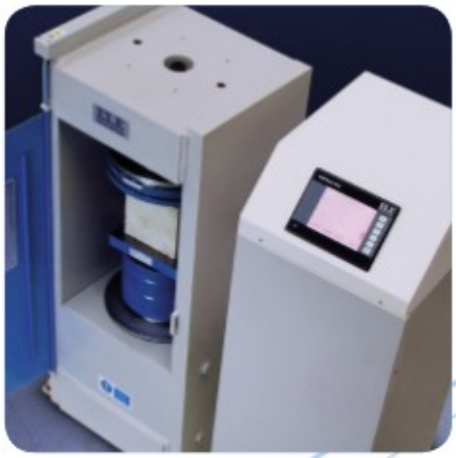

IF IT'S WORTH BUILDING, IT'S WORTH TESTING

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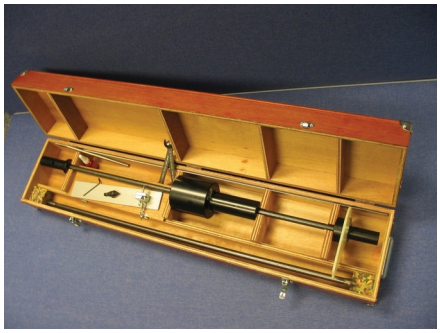
Contents

This wishlist was generated on 16/12/2017, and contains the following Products:



Dynamic Cone Penetrometer 8Kg Hammer (Trl Design).

Code: 29-3720

Product Group: In-situ Testing

The TRL (Transport Research Laboratory) Dynamic Cone Penetrometer (DCP) is used for rapid in-situ measurement of the structural properties of existing road pavement constructed with unbound materials. The unit incorporates an 8 kg weight with a drop of 575 mm, and a 20 mm diameter cone fitted to the end of the shaft, allowing measurements to be made down to a depth of approximately 850 mm.

Readings are usually taken after a set number of blows, changing the number according to the strength of the layer being penetrated. For good granular bases, readings every five to ten blows are satisfactory, but for weaker sub-base layers and subgrades, readings every one to two blows may be appropriate.

The DCP requires three operators, one to hold the instrument in a vertical position, one to raise the hammer and let it fall and one to record the results. A typical test takes only a few minutes, providing a very efficient method of obtaining information which would otherwise require the excavation of test pits. Where pavement layers have different strengths, boundaries can be identified and layer thickness determined.

Further Information

Supplied complete with all necessary tools, assembly and operating instructions.

Spares/Consumables

Spare Cone for Dynamic Cone Penetrometer.

Code: 29-3720/10

Pocket Penetrometer.

Code: 29-3729

Product Group: In-situ Testing, Pocket Penetrometer, Plate Bearing Apparatus

- Direct-reading scale in tons/sq. ft. and kg/sq. cm.
- Ground and polished stainless steel loading piston.
- Calibrated spring and penetrometer body plated for rust resistance and long life.
- Convenient belt-loop style carrying case.
- Optional Adapter Foot for testing very soft materials.

The Pocket Penetrometer was originally developed for use by field personnel in checking visual classification of soils. Data was compiled on several thousand unconfined compressive strength tests of silty clays and clayey soils against the penetrometer readings to develop the scale.

Further Information

IMPORTANT: the readings obtained from the pocket penetrometer do not replace laboratory test results due to the fact that a small area penetration test is inherently liable to give misleading results. The instrument should not be used for obtaining foundation design data.

Specification

Range	0.25 to 4.5 tons/sq. ft. (kg/sq. cm).
Scale Divisions	0.25 tons/sq. ft. (kg/sq. cm).
Load Piston	1/4” (6 mm) diam.; stainless steel.
Carrying Case	Canvas; belt-loop style.
Dimensions	3/4” diam. x 6-3/8” l. (19 x 162 mm).
Weight	Net 7 oz. (198 g).

Accessories

Adaptor Foot

Code: 29-3729/10

Alternatives

C.O.E Cone Penetrometer

Code: 29-3741

Proctor & Mortar Penetrometer Set

Code: 29-3935

Proving Ring Penetrometer

Code: 29-3739

Adaptor Foot

Code: 29-3729/10

Product Group: Pocket Penetrometer, Plate Bearing Apparatus

1" (25.4 mm) diam.
Increases piston area 16 times for testing on soft materials.

Further Information

The Pocket Penetrometer does not replace field and laboratory testing analysis

Pocket Shearmeter with 3 Vanes 0 to 1Kgf/Cm2 X 0.5Kgf/Cm2.

Code: 26-2261

Product Group: Torvane Shear Device, Pocket Shearmeter

The shearmeter can be used on tube samples, on the sides of pits, cuttings etc. It is an invaluable tool for initial site investigation work.

Further Information

Complete with sensitive vane, standard vane and high-capacity vane. Range 0 to 1 x 0.05 kgf/cm2.

Specification

Vane Driver	1.6” (41 mm) diam. x 3.2” (81 mm) l. with vane attached.
Dial Scale	1 kg/sq. cm (tons/sq. ft.) x 0.05 subdivisions.
Carrying Case	Plastic; 6” w. x 4” d. x 2” h. (152 x 102 x 51 mm).
Weight	Net 10.5 oz. (300 g).

Spares/Consumables

High-Capacity Vane

Code: 26-2261/14

Sensitive Vane

Code: 26-2261/10

Standard Vane

Code: 26-2261/12

Alternatives

Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 110-120V 50/60Hz 1Ph.

Code: 26-2114/02

Digital Direct/Residual Shear Apparatus Complete with Lever Loading Assembly. 220-240V 50/60Hz 1Ph.

Code: 26-2114/01

Hand Vane Tester

Code: 26-3346

Standard Vane

Code: 26-2261/12
Product Group: Torvane Shear Device

0-1.0 kg/sq. cm (tons/sq. ft.).

High-Capacity Vane

Code: 26-2261/14
Product Group: Torvane Shear Device

0-2.5 kg/sq. cm (tons/sq. ft.).

Sensitive Vane

Code: 26-2261/10
Product Group: Torvane Shear Device

0-0.2 kg/sq. cm (tons/sq. ft.).