



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

Contents

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This wishlist was generated on 03/04/2019, and contains the following Products:

[24-8080/01](#)

Automatic Soil Compactor BS CE Compliant

[29-3729](#)

Pocket Penetrometer.



Automatic Soil Compactor BS CE Compliant

Code: 24-8080/01

Product Group: BS CE Automatic Compactors, Automatic Soil Compactor

- With NEW CE Compliant guarding as an extra safety measure for users
- Five models meeting requirements of BS/EN and ASTM available
- Complies to BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180 standards
- Automatic re-setting of counter after completion of blow pattern

The time and effort required to prepare specimens for compaction studies and other test methods can often be costly and time-consuming. The use of an automatic, mechanical compactor will show considerable cost benefits over hand compaction methods.

These machines automatically compact specimens eliminating the laborious hand compaction method. The height and weight of the rammer are adjustable to suit test requirements.

An automatic blow pattern ensures optimum compaction for each layer of soil in compliance with the standards. The rammer travels across the mould and the table rotates the mould in equal steps on a base that is extremely stable. The number of blows per layer can be set at the beginning of the test.

Preset blow pattern ensures an even compaction, includes solid state controls for reliability and maintenance. An automatic digital counter resets to zero on the completion of a test. The selectable rammer has a drop height of 300-450mm, a selectable rammer weight of 2.5 or 4-5kg. A preset number of blows per layer can be set by thumb wheel control. A compaction rate of approximately 26 blows per minute. Accepts BS Standard Compaction and CBR moulds; also meets the requirements of BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180.

Specification

Standards

BS 1377-4, BS 1924-2, EN 13286-2, EN 13286-47, ASTM D558,

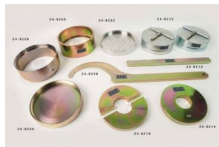
	ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180
Rammer BS/EN	Circular faced, 50 mm dia, selectable to 2.5 kg or 4.5 kg weight
Rammer ASTM	Circular faced, 2 in (50.8 mm) dia, selectable to 5.5 lb (2.5 kg) or 10 lb (4.5 kg) weight
Drop BS/EN	Adjustable to 300 mm or 450 mm
Drop ASTM	Adjustable to 12 in (305 mm) or 18 in (457 mm)
Weight (kg)	165

Accessories



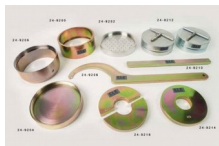
BS Cbr Mould Body.

Code: [24-9198](#)



BS Extension Collar

Code: [24-9200](#)



BS Solid Base or Top Plate

Code: [24-9204](#)



BS Standard Compaction Mould 1000Cm Capacity.

Code: [24-9000](#)



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](#)