Proctor & Mortar Penetrometer Set

Code: 29-3935

Product Group: Proctor & Mortar Penetrometer Set, Proctor & Mortar Penetrometer Set

• 130 lb. capacity with 1 lb. subdivisions.
• Includes 10 interchangeable needles as specified in ASTM testing standards for Soils and Mortar.
• Plated for rust resistance and long life.
• Convenient carrying case with individual compartments.

The Proctor Penetrometer is used for determining the penetration resistance of fine-grained soils and when selecting the appropriate needles becomes a Mortar Penetrometer set that is used for determining the rate of hardening of mortars sieved from concrete mixtures. The unit consists of a special calibrated spring dynamometer with a pressure-indicating scale on the stem of the handle. The pressure scale is calibrated to 130 lbs. by 1 lb. subdivisions. There is a major division located at each 10 lb. interval. A sliding ring on the stem indicates the maximum load obtained during the test.

Standards

ASTM D1558, ASTM C-403

Further Information

Includes penetrometer, ten needles and plastic carrying case.

Specification

Penetrometer	Calibrated spring dynamometer.
Pressure Scale	130 lbs. x 10 lbs. and 1 lb. subdivisions.
Test Reading	Indicated by sliding ring.
Needles	Includes: 1, 3/4, 1/2, 1/3, 1/4, 1/5, 1/10 1/20 1/30 and 1/40 sq. in. end area needles.
Carrying Case	Plastic with shelf; 18" w. x 6" d. x 4-3/4" h. (45 7 x 152 x 121 mm).
Weight	Net 8.3 lbs. (3.8 kg).
Penetrometer	Calibrated spring dynamometer.
Pressure Scale	13 0 lbs. x 10 lbs. and 1 lb. subdivisions.

Test Reading	Indicated by sliding ring.
Needles	Includes: 1, 3/4, 1/2, 1/3, 1/4, 1/5, 1/10 1/20, 1/30 and 1/40 sq. in. end area needles.
Carrying Case	Plastic with shelf; 18" w. x 6" d. x 4-3/4" h. (45 7 x 152 x 121 mm).
Weight	Net 9 lbs. (4.1 kg).

Alternatives

C.O.E Cone Penetrometer

Code: 29-3741

Pocket Penetrometer.

Code: 29-3729

Proving Ring Penetrometer

Code: 29-3739