

Penetrometer - Pocket Type

Product group(s): Food, Penetration

User group(s): Adhesives, Asphalt, Automotive, Ball & Roller Bearings, Bitumen, Chemicals, Confectionery, Cosmetics, Fats, Food, Grease, Lubricating Grease, Motor Vehicles, Penetration, Pharmaceuticals, Plastics, Polishes, Power Generation, Regulatory Authorities, Road Research, Rubber, Waste, Wax

Scope: 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.

A close relationship exists between the penetrometer's scale reading and soil type.



Pocket Penetrometer

More details are mentioned in the "Order Number" section

Technical Data

<u>Range:</u>	0.244 to 4.39 kg/cm ² (0.25 to 4.5 tons/sq. ft)
<u>Scale Divisions:</u>	0.244 kg/cm ² (0.25 tons/sq. ft)
<u>Load Piston:</u>	Ø 6 mm (1/4"); stainless steel
<u>Dimensions:</u>	Ø 19 x 162 mm (3/4" x 6-3/8")
<u>Weight Net:</u>	198 g (7 oz)

Main Unit

99-0015 **Pocket Penetrometer**
with direct-reading scale in tons/sq. ft. and kg/cm², calibrated spring and penetrometer body plated for rust resistance, ground and polished stainless steel loading piston, convenient belt-loop style carrying case, optional adapter foot for testing very soft materials.

Options & Accessories

99-0017 **Adapter Foot**
for testing on soft materials Ø 25.4 mm (1"),
increases piston area 16 times

Order Guideline

Minimum equipment: 1x 99-0015
Additional requirements: