



PROCTOR PENETROMETER

ASTM D1558

Establishes the moisture-penetration resistance relations of fine-grained soils. Includes these interchangeable needles (area in cm²): (6.45), (4.84), (3.22), (2.15), (1.29), (0.65), (0.32) (0.22) and (0.16).

The unit consists of a special calibrated spring dynamometer with a pressure-indicating scale on the stem of the handle. The device is capable of measuring the penetration force with an accuracy of 62 lbf [10 N] and shall have a capacity of at least 130 lbf [600 N].



SPECIFICATIONS:

Product Code : BSO-216

Accessories

9 pieces of 6.45, 4.84, 3.22, 2.15, 1.29, 0.65, 0.32, 0.22, 0.16 cm² needles.

SPEEDY MOISTURE TESTER

Speedy Moisture Tester is a portable system for measuring the moisture content of a wide range of materials including soils, aggregates, dust and powders (and liquids). The system consists of a low pressure vessel fitted with a pressure gauge and an electronic scale and test accessories. Moisture measurements are made by mixing a weighed sample of the material with a calcium carbide reagent in the sealed pressure vessel. The reagent reacts chemically with water in the sample, producing acetylene gas that in turn increases the pressure within the vessel. The pressure increase in the vessel is proportional to the amount of water in the sample, the moisture content can be read directly from the calibrated pressure gauge. The tester is supplied complete with heavy-duty plastic carrying case, electronic balance, beaker, cleaning cloth, cap, washer, scoop, steel pulverizing balls and cleaning brushes. Meets ASTM D4944 and AASHTO T217. Shipping Wt. 13 lbs. (5.9kg). Accuracy: Within 0.5% on most materials. Test Speed: 45 sec. to 3 min., depending on material. Gauge: Calibrated from 0-20% moisture based on wet weight. Balance: Electronic; 0-7 oz (0-200g) range; battery operated



SPECIFICATIONS:

Product Code : BSO-228

Weight : 6 kg