

FIELD INSPECTION TESTING KIT

Ideal for geotechnicians, geologists and agronomists. It consists of the 16-T0163 Pocket penetrometer and of the 16-T0174 Field inspection pocket vane tester.

- 16-T0163 Heavy duty model, all stainless steel construction, three interchangeable tips:

4.5 mm dia. for very hard soil,

6.35 mm for medium and soft soil,

8.98 mm for soft soil. Supplied complete with plastic case.

- 16-T0174 for field surface and deeper measures.

Especially designed to measure the undrained shear strength (CU) of cohesive soils, consists of a cylindrical body with a torsional spring and three interchangeable vanes of different sizes used depending upon the expected strength of the soil. The height/diameter ratio of all vanes is 2. During operation the vane is driven for 5-6 cm into the soil and then turned with the handle. Deep measures (i.e. on the top of undisturbed samples) can be obtained using the extension rod (see accessories).

The two units are contained in a practical carrying case.

-Case dimensions: 240x210x50 mm

-Weight approx.: 1.8 kg

SPECIFICATION

Pocket penetrometer 16-T0163

- Stainless steel construction.
- Tip Diameters: 4.5 mm dia. for very hard soil, 6.35 mm for medium and soft soil, 8.98 mm for soft soil.
- Measuring range: 0 to 1000 kPa
- Dimensions (assembled): 210 mm length x 20 mm dia. approx.

Shear hand vane tester 16-T0174

- Stainless steel construction.
- Vane dimensions (height x dia.): 32x16; 40x20, 50.8x25.4 mm
- Measuring range: 0 to 240 kPa (0-24 N/cm²)
- Torque value: 3.5 Nm
- Extension rod: 153 mm to reach 300 mm depth.
- Overall dimensions (assembled): 310x105 mm
- Weight approx.: 1.3 kg

STANDARDS

- ASTM D2573

ORDERING CODE

16-T0174/A

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