

FIELD INSPECTION POCKET VANE TESTER 16-T0174

STANDARD: ASTM D2573

The Field Inspection Pocket Vane Tester 16-T0174 is especially designed to measure the in situ undrained shear strength in clays.

The instrument consists of a T-handle cylindrical body where a torsional spring is housed, and three interchangeable vanes of different sizes, used depending to the expected strength of the soil to be tested. 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.

- ⊙ Perfect kit for all those measuring in top soils
- ⊙ Ideal for agronomists, civil engineers
- ⊙ Small but sensitive and accurate
- ⊙ Drag ring for easy read-out
- ⊙ Dummy used for zero measurement

| VANE TYPE | SIZE (HEIGHT X DIA.) |
|-------------|----------------------|
| small vane | 32x16 mm |
| Medium vane | 40x20 mm |
| Large vane | 50.8x25.4 mm |



SPECIFICATIONS

| | |
|-----------------|--------------|
| Measuring range | 0 to 260 kPa |
| Torque value | 5 N·m |
| Extension rod | included |
| Max depth | 3 m |

ACCESSORIES

Spring torque meter 1 pcs
 Extension rod 6 pcs L=0.5m Φ =10mm
 Vane 3pcs
 Dummy 1pcs
 Spanner 8mm and 17mm each 1pcs

