

SOIL PROCTOR PENETROMETER (T-310)

ASTM D1558

- Used to determine the moisture-penetration resistance relationships of fine-grained soils
- Capacity: 40 kgf (90 lb)
- Supplied with interchangeable stainless steel penetration needles

Needle Area		Needle Diameter
1 in ²	645 mm ²	Ø 28.55 mm
3/4 in ²	484 mm ²	Ø 24.79 mm
1/2 in ²	323 mm ²	Ø 20.22 mm
1/3 in ²	215 mm ²	Ø 16.54 mm
1/5 in ²	129 mm ²	Ø 12.83 mm
1/10 in ²	65 mm ²	Ø 9.07 mm
1/20 in ²	32 mm ²	Ø 6.40 mm
1/30 in ²	22 mm ²	Ø 5.23 mm
1/40 in ²	16 mm ²	Ø 4.52 mm



HAND VANE TESTER (T-175)

ASTM D2573

- Used to determine the shear strength of the soil either in the laboratory or in the field (in-situ). It is very easy to use and gives the result directly in kPa.



Vane Adaptor	Capacity
Standard	0 - 10 N/cm ² (0 - 100 kPa)
Sensitive	0 - 2 N/cm ² (0 - 20 kPa)
High Capacity	0 - 25 N/cm ² (0 - 250 kPa)