

## STANDARD: ASTM D8121/D8121M

The pocket shear vane tester 16-T0175/A provides a quick and efficient method for determining shear strength values of cohesive soils. It can be used on any reasonably flat surface that is slightly larger than the vane surface being used.

The pocket shear vane can be used with fully-saturated, fine-grained soils with an undrained strength independent of normal pressure, including a wide range of clays from soft to stiff consistency. It can be used to gather a large number of readings including those from different failure planes without the need to prepare and trim samples.

The pocket shear vane is widely used for taking on-site measurements of excavations and taking readings from thin-wall or split core soil samples. It can also be used in the laboratory for evaluations.

- + Quick and efficient method for determining shear strength values of cohesive soils.
- + Metal Vanes are designed to last Long.
- + Better accuracy and reliability.
- + It permits the rapid determination of a large number of strength values with different orientation of failure planes.

VANE TYPE	RANGE
Standard vane	0 to 1 kg/cm <sup>2</sup>
Large(sensitive) vane	0 to 0.2 kg/cm <sup>2</sup>
Small(high-capacity) vane	0 to 2.5 kg/cm <sup>2</sup>



## INCLUDED ITEMS

- Driver
- Three Vanes
- Instruction Manual
- Allen Wrench
- Carrying bag

