

## POCKET SHEAR VANE DEVICE

STANDARDS: ASTM D6951

Pocket Shear Vane Device is practical equipment for determining the shear strength of cohesive soils.

It is widely used to perform onsite measurements of excavations covering trenches and test pits, thin-wall or split core samples, by providing a quick and efficient method for shear strength measurements and it is also suitable for laboratory usage.

Pocket Shear Vane Device is supplied in a plastic carrying case.

### Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-S4000	Pocket Shear Vane Device	24x21x5	1,5

### Spare Parts & Accessories:

Vane Type	Range (N/cm <sup>2</sup> )
Standard Ø 25 mm Vane	0-10
Sensitive Vane Adaptor	0-2
High Capacity Vane Adaptor	0-25



HR-S4000

## FIELD INSPECTION VANE TESTER

STANDARDS: ASTM D2573

Used to determine the shear strength of undrained (CU) cohesive soft soils, to firm non-fissured soils on site.

The vane is inserted into the soil for 60 mm approx., and the max. torque value is measured on a collar attached to the shaft.

Field Inspection Vane Tester is supplied complete T-handle cylindrical body where a torsional spring is housed, three vanes (16 x 32, 20 x 40 and 25.4 x 50.8 mm), used depending to the expected strength of the soil to be tested, 500 mm long extension rod, tools and carrying case.

### Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-S4010	Field Inspection Vane Tester	50x30x10	4

Field Inspection Pocket Vane Tester	
Vane Dimensions (height x dia.)	32x16; 40x20, 50.8x25.4 mm
Measuring Range	0 to 240 kPa (0-24 N/cm <sup>2</sup> )
Torque Value	5 N - m
Extension Rod	500 mm depth
Overall Dimensions (assembled)	310x105 mm
Weight	1.3 kg



HR-S4010

### Spare Parts & Accessories:

Product Code	Product Name
HR-S4010/1	Extension Rod, 500 mm