Pocket Shear Vane Device

DESCRIPTION:

The Pocket Shear Vane Apparatus is widely used to perform onsite or lab 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.

Supplied complete with:
Standard 25mm dia, vane range 0 to 10N/cm2, Sensitive Vane adaptor, range 0 to 2N/cm2, High capacity vane adaptor range 0 to 25N/cm2 in a plastic carrying case.

MAIN FEATURES:

- Suitable for laboratory and site usage.
- Used for determining the shear strength of cohesive soils.

ORDERING:

SL 0122
Pocket Shear Vane apparatus Complete Vane

TECHNICAL SPECIFICATIONS:

Van type	Range
Standard 25 mm Diameter Vane	0-10 N/cm'
Sensitive Vane Adaptor	0-2 N/cm'
High Capacity Vane Adaptor	0-25 N/cm'
Dimensions	240x210x50 mm
Weight (approx.)	1,5 kg

Field Inspection Vane Test

ASTM D2573

DESCRIPTION:

The Field Inspection Vane Tester can be used to determine the maximum shearing force that can be exercised on a soil.

Measurement in the field (on the surface, in profile pits or at the bottom of boreholes) as well as in the laboratory (on samples) are possible.
The shear stress measured can be read on a clearly readable scale ring.

In soft soils, it is not necessary to make a borehole first. In order to determine the friction on the extension rods, a dummy vane is available in these situations.

MAIN FEATURES:

- Unconfined compressive strength
- Heavy duty, stainless steel construction

ORDERING:

SL 0123
Field Inspection Vane Testing Kit

TECHNICAL SPECIFICATIONS:

Maximum measuring depth	3 m
Maximum shear stress	200 kPa
Measuring accuracy	< ± 10%
Reading accuracy	1%
Registration type	manual
Package size	56 x 12 x 5 cm
Vane size (shear stress)	5.12, 8, 12.9 cm²
Weight	2.95 kg

Field inspection vane tester, the standard set for measurements to 200 kPa (20 t/m2) and a depth of 3m, complete with 3 vanes (16x 32mm, 20x40 mm and 25.4x50.8 mm), dummy vane, extension rods, tools and carrying bag