



FIELD INSPECTION POCKET VANE TESTER

Standard: ASTM D2573

The Field Inspection Pocket Vane Tester 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 5-6cm 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.

Features:-

- 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.

Technical Specifications :

Model Number	NL 5049 X / 001
Measuring Range	0 to 260 kPa
Torque Value	5 Nm
Extension Rod	included
Max. Depth	3 meters

Vane Type	Size (Height X Diameter)
Small Vane	32 X Ø16 mm
Medium Vane	40 X Ø20 mm
Large Vane	50.8 X Ø25.4 mm

Accessories :

Model Number	Parts Description	Qty
NL 5049 X / 001 - A 001	Spring Torque Meter	1pc.
NL 5049 X / 001 - A 002	Extension Rod 0.5m (L) Ø10 mm	6pcs
NL 5049 X / 001 - A 003	Vane	3pcs
NL 5049 X / 001 - A 004	Dummy	1pc.
NL 5049 X / 001 - A 005	Spanner (8 mm & 17 mm)	1set

*1 Copy of Manual Instruction

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