

## FIELD INSPECTION VANE TESTER

Standard: ASTM D2573

The Field Inspection 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 :

<b>Model Number</b>	<b>NL 5049 X / 001</b>
Measuring Range	0 to 260 kPa
Torque Value	5 Nm
Extension Rods	included
Max. Depth	3 meters
Accuracy	10%

### Unit Consists :

Model Number	Parts Description	Qty
NL 5049 X / 001 - P 001	Spring Torque Meter	1pc.
NL 5049 X / 001 - P 002	Extension Rod 0.5m (L) Ø10 mm	6pcs
NL 5049 X / 001 - P 003	Vane Set (Height x Diameter) : - Small : 32 X Ø16 mm - Medium : 40 X Ø20 mm - Large : 50.8 X Ø25.4 mm	1set
NL 5049 X / 001 - P 004	Dummy (for rods calibration)	1pc.
NL 5049 X / 001 - P 005	Tools (Spanner 8 mm & 17 mm)	1set
NL 5049 X / 001 - P 006	Carry Case	1pc.

\*1 Copy of Manual Instruction