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FIELD VANE TESTER FVT

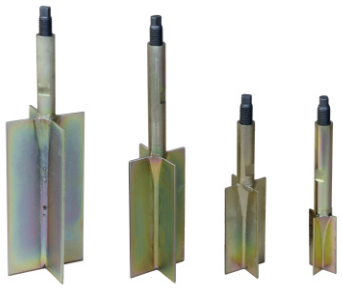
Probing with the FVT probe allows to obtain in a simple and quick way the strength characteristics of the tested subsoil layers. The aim of the test is to separate weak, very weak soils and organic soils in the cohesive subsoil.

ACCORDING TO: PN-B-04452 AND EN ISO 22476-9 [Eurocode 7]

DIRECTLY FROM MANUFACTURER

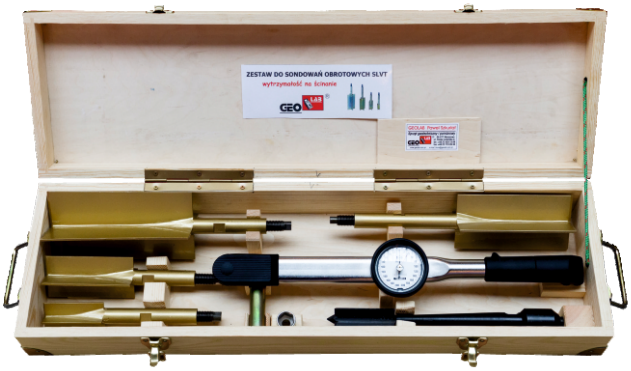
Vane tips are used as standard during the test with dimensions (H x D):

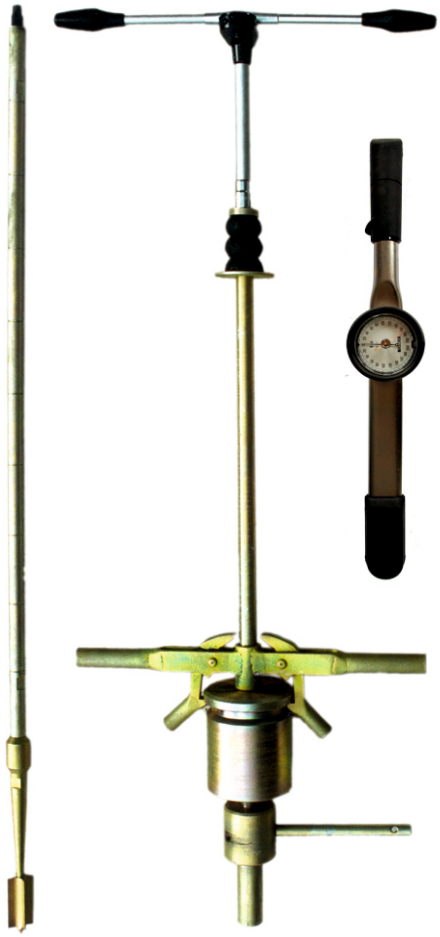
- **100 x 200 mm - for very weak soils**
- **40 x 80 mm - for hard plastic soils**



The registration of the maximum torque T_{max} is possible due to the use of a precise torque wrench. The technique of testing with the conical vane SLVT is therefore a combination of probing with a dynamic probe DPL with the possibility of measuring the shear strength c_{fv} at the same time.

Testing with the SLVT or FVT cross probe is one of the methods of assessing the geotechnical conditions of the subsoil in situ up to a depth of 6 - 10 m. The SLVT probe can be used for the control of embankments and backfills.





ACCESSORIES FOR FVT TEST:

- **Dynamic probe light DPL**
- **Rod 22 mm x 1 m, marked every 100 mm**
- **5 vanes tips to choose from:**
  Conical - vane SLVT
  Vane 80 x 40 mm - for hard plastic soils
  Vane 120 x 60 mm
  Vane 160 x 80 mm
  Vane 200 x 100 mm - for very weak soils
- Torque wrench with a range of up to 100 Nm or up to 200 Nm
- A special clutch to eliminate the measuring error due to surface friction
- **Connectors:**
  Connector 6 - angle 19 mm/ square 1/2"
  Connector M16 square. 1/2"