



THE ORIGINAL GEONOR H-60

HAND-HELD VANE TESTER

Key Features & Capabilities

- **Preliminary Investigation:** Analyze undrained shear strength in soft to stiff clays.
- **Fast & Portable:** Lightweight design for quick, easy field use.
- **Easy Deployment:** Manual boring down to 3 meters.
- **Broad Range:** Measures shear strength from 0 to 200 kPa.
- **Broad Range:** Each unit includes an individual calibration certificate.

Trust Your Preliminary Data and Minimize Costly Errors Without the High Cost

The field vane shear test (FVST) is the leading method for measuring undrained shear strength in soft to stiff clays. A handheld vane tester is an economical and effective solution. It delivers quick, repeatable data and provides valuable information for planning more detailed surveys.

However, unverified equipment can lead to inaccurate data. Unreliable tools introduce systematic errors that lead to high costs and design failures when incorporated into the final design parameters.

Choose the authentic
Geonor H-60 to
ensure consistent
accuracy and
trusted
results.





The H-60: The Professional Standard for Preliminary Testing

The Geonor H-60 is designed for preliminary FVST, providing accurate, reliable initial data.

- ⦿ The authentic Geonor H-60 was originally developed in 1966 by the Norwegian Geotechnical Institute (NGI). It has been continuously improved by Geonor in cooperation with NGI and is trusted by professionals in over 60 countries worldwide.
- ⦿ As proof of this quality, each unit is accompanied by an individual calibration certificate. Don't risk your project's success with a low-quality copy – choose the authentic Geonor H-60 for verified performance and results you can trust.

Technical Characteristics:

GEONOR H-60 HAND-HELD VANE TESTER

- ⊙ The Geonor H-60 consists of three exchangeable vanes, extended by 0.5 m rods.
- ⊙ The instrument covers three ranges of measurement, 0-50, 0-100, 0-200 kPa, depending on the size of vane used: 16 x 32 mm, 20 x 40 mm or 25.4 x 50.8 mm.
- ⊙ The peak value is determined by means of the scale-ring, which has to be turned back to zero position before each measurement. The instrument is sufficiently rugged to be used as a handle during penetration and retraction of the vane. To correct for the skin friction of the extension rods, dummy tests are performed with the rods only.
- ⊙ **Total weight: 4,3 kg**

ORDER REFERENCES

Quantity	Part No.	Description
	222100	Vane tester complete for 3m depth:
6	222001	Extension rod L=0,5 m, Ø = 10 mm
1	222002	Vane, 16 x 32 mm (0.63" x 1.25"): 0-200 kPa
1	222003	Vane, 20 x 40 mm (0.79" x 1.58"): 0-100 kPa
1	222004	Vane, 25.4 x 50.8 mm (1" x 2"): 0- 50 kPa
1	222005	Dummy
1	222006	Carrying case
2	222008	Wrench, 8 mm
1	222009	Wrench, 17 mm
10	222010	Connection piece for extension rods and vanes
1	222200	Instrument for hand-held vane tester