

Wireless CPTU solution:

CPT GEOTECH NOVA

**Easy to install on your
own rig!**



GEO  **TECH**



Wireless CPTU solution for increased productivity.

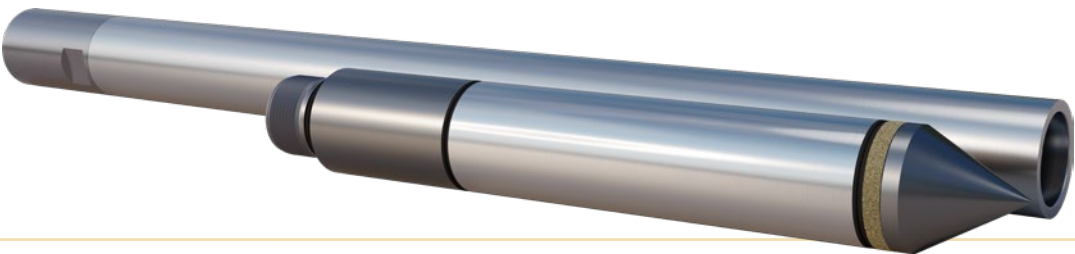
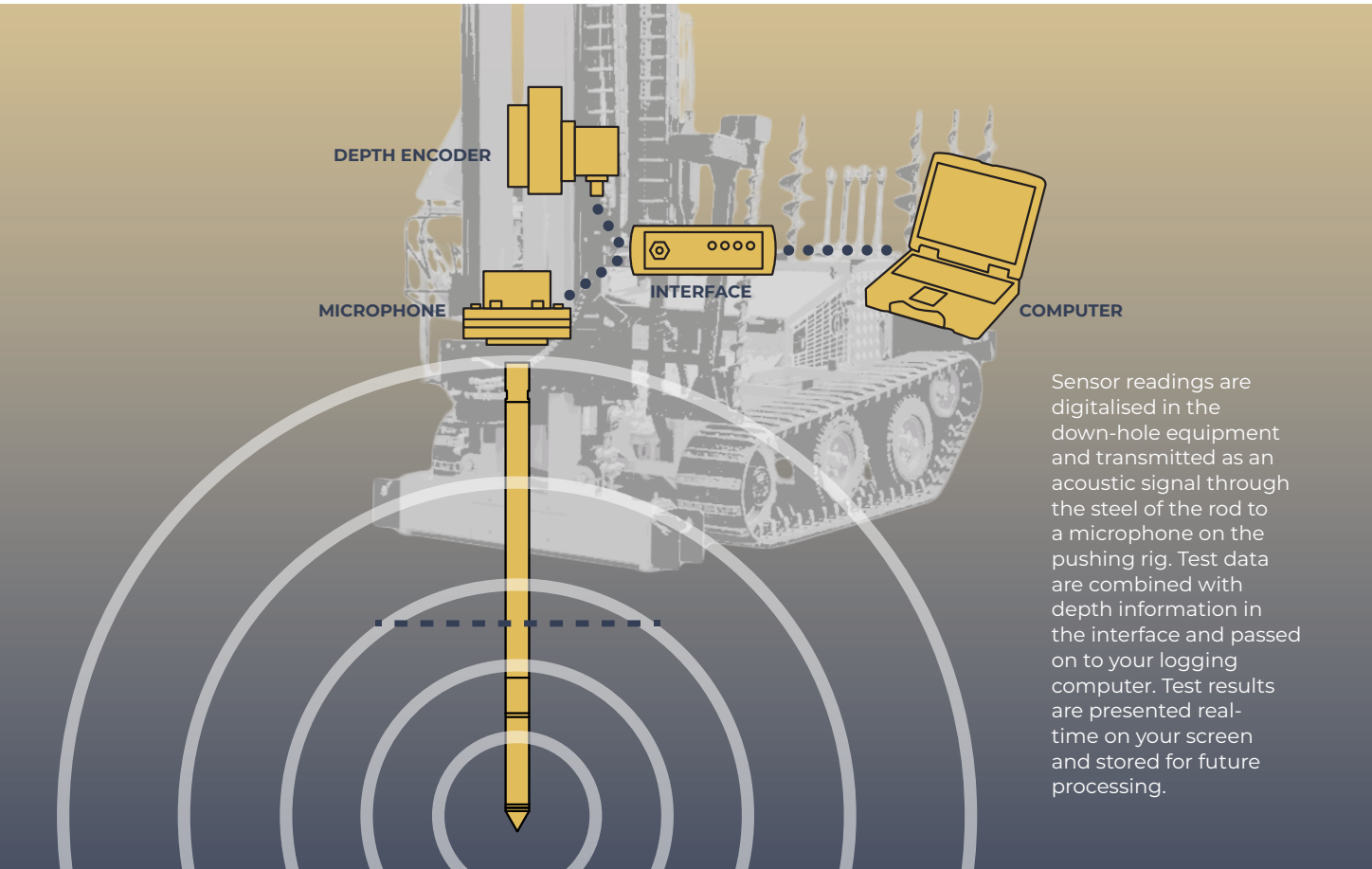
Install the CPT GEOTECH NOVA system on your rig!* If your rig or penetrometer has the capacity to push a Ø36 mm rod with constant speed 20 mm/sec, you can easily turn it into a state-of-the-art CPTU investigation tool.

The wireless system will facilitate your work and increase efficiency – no downhole cable that can tangle or break! We have heard from users that claim they doubled their productivity when moving from cable to wireless!

The system was originally developed for Scandinavian conditions with sensitive marine clays and has proven reliable in all types of soils world-wide. It ranked among the top CPTU solutions in several comparative tests with respect to accuracy and repeatability.

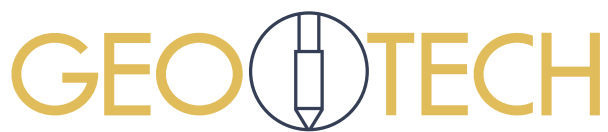
Everything that you need is included in the turn-key package, just plug in your computer (software included) and start the test. Visit our web for more information: www.geotech.eu.

**) We can also supply the complete solution, including rig. Ask us about the improved GEORIG 220.*



Specifications:	
Standard sensors:	Tip resistance (Qc), local friction (fs), pore pressure (u), inclinometer
Type:	Compression cone, separate gauges for Qc and fs
Standard “u” configuration:	Porous filter ring, u2 (pre-saturated rings with glycerine available)
Optional “u” configurations:	Porous filter ring, u1. Slot filter u2 for grease and oil
Sizes available:	10 cm², 15 cm²
Optional sensors:	Temperature, electric conductivity/resistivity, seismic, etcetera
Data transfer:	Wireless (acoustic), memory or cable
Standards:	ISO 22476-1, ASTM D5778
Standard ranges, Qc:	0 – 100 MPa, 0 – 50 MPa, 0 – 25 MPa
Standard ranges, fs:	0 – 1.0 MPa, 0 – 0.5 MPa
Standard range, u:	0 – 2.0 MPa
Special calibration for very soft soils, Qc: 0 – 25 (0 – 8.0) MPa, fs: 0 – 0.5 MPa, u: 0 – 2.0 (0 – 1.0) MPa.	
Special friction sensors for abrasive soils, fs: 0 – 1.5 MPa, 0 – 3.0 MPa.	
Special versions for deep sea use, u: 0 – 32 MPa (system integration to be arranged by the customer).	
The GEOTECH NOVA product family is being continuously developed and improved. We therefore reserve the right to changes of the information above.	

Ingenjörfirman Geotech AB is a leading innovator and manufacturer of geotechnical field investigation equipment, providing the latest geotechnical solutions and applications for clients around the World.



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Datavägen 53 • SE-436 32 Askim • SWEDEN
www.geotech.eu • info@geotech.se
Phone +4631289920