



The Geomil acquisition software CPTest provides a versatile and easy to use acquisition software for mechanical- and electrical CPT(U). Data from adapters, Seismic and SMP, like for total (push) force, temperature, electric conductivity can be recorded.

CPTest has been designed as 32 bit application suitable for Microsoft Windows. It processes and presents CPT data gained with Geomil's GME 500 data acquisition system.

The features of CPTest allow for professional and efficient test performance. Individual monitoring demands are taken into account by viewing options the user can select.

All data is presented in real-time in both, graphical and numerical format. At any time the vertical and horizontal scaling can be adjusted. Also, all channels can be switched on or off individually. In playback mode, multiple tests can be opened and charts with all measured data are available in a 10 mm interval.

In addition to the classical Geomil data format all tests can be exported as standard Geotechnical Exchange Format (GEF), allowing for an easy exchange of CPT data.

The GEF format is fully compatible with a range of programs used for foundation designs and stability calculations.

CPTest records all primary measuring parameters detected by the cone sensors. Furthermore, derived parameters like the friction ratio are calculated and displayed. Obviously, CPTest also records pore pressure dissipation tests (PPD) by logging the pore pressure and cone resistance versus time.

Field plots of the original measuring values, both CPT and PPD, often demanded as on-site quality control, can be printed on site.

An offshore environment setting is available, which enables the operator to perform multiple CPT's with a pre-CPT cone calibration whilst remaining submerge. It also enables the operator to log water pressures and cone data during descends.

Three different language settings are available and can be chosen from the menu bar Dutch, English and German.

For more technical information or a quotation based on your specific requirements please contact sales@geomil.com or call us at +31 172 427800.

