

Digital CPT data acquisition system

The Icone, a digital cone, measures the four standard parameters: cone tip resistance (q_c), sleeve friction (f_s), pore water pressure (u) and inclination (I_x/y). Calibration data is stored in the cone itself.

The Icontrol, the digital data logger, is placed near the computer on which the data is recorded. It combines the depth information with the obtained CPT data and provides power to the Icone. Digital technology provides nearly unlimited bandwidth for data transfer, so combinations with additional parameters using click-on modules is possible.



Icone & Icontrol

the intelligent approach to data acquisition



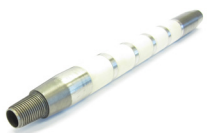
Deep Water Icone

for water depths up to 4,000 meters



Icone Seismic Module

to measure the propagation speed of an applied seismic wave between two known depths



Icone Conductivity Module

to measure variations in the electrical conductivity



Icone Magneto Module

to detect objects containing magnetisable metal



Icone Vane

for the purpose of stability analysis of soft soils

