

VIBROCORER PENETRATION SENSOR



For use with any Vibrocoring System

The Vibrocoring Penetration Sensing System is a sealed electronic based unit incorporating a spring-loaded retractable stainless steel cord attached to a distance measuring sensor. As the vibrocoring drives itself into the ground it pulls out the stainless steel cord, operating the distance sensor. When the vibrocoring is pulled back in to the deployment frame, the internal spring loaded mechanism retracts the cord back in to the housing.

Interface

The system features an interface box to connect the penetrations sensor to a computer running the monitoring software. The box provides the power for the sensor, and converts data from ethernet to RS485. All necessary cables provided.

Software

The penetration information is displayed on the computer via the supplied bespoke software, The software will run on any Windows based device, including tablets. The software can log and display in realtime:

- Penetration Depth
- Penetration Velocity
- Max. Velocity

The software can display either the realtime data in numerical form or as a graph of Penetration / Time.

Specification

- Power: 240 Vac
- Penetration Depth: 3-10m
- Velocity Max.: 3m/s
- Weight: 6.5kg
- Mounting: 4 x M10 Bolts

FOR FURTHER INFORMATION PLEASE CONTACT:

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