

Profound Establishes UK Base

Profound are pleased to introduce to the UK instrumentation market a range of equipment and services designed to meet our clients' requirements for high quality, accurate geotechnical and structural instrumentation.

Profound offer a range of instrumentation which includes the IS-family of intelligent geotechnical sensors, pile testing equipment and vibration monitors. The range has been developed as a result of many years experience in delivering cost effective geotechnical monitoring solutions around the world.

Profound UK Ltd is based in Iden, East Sussex, where General Manager, Mike Savage, has established an operating base, which supplies both sales and technical support for the UK and Ireland.

Profound's depth of practical experience and a highly professional team ensure we deliver you high quality, cost-effective data on your projects.

General Manager
Mike Savage



Mike Savage

General Manager of Profound UK Ltd, Mike Savage brings with him many years of good practical experience gained on projects both on land and offshore. He has been involved both as a supplier and user of instrumentation systems, which gives him an excellent overview of the engineering requirements and the practical problems that can get overlooked on a complex measurement project.

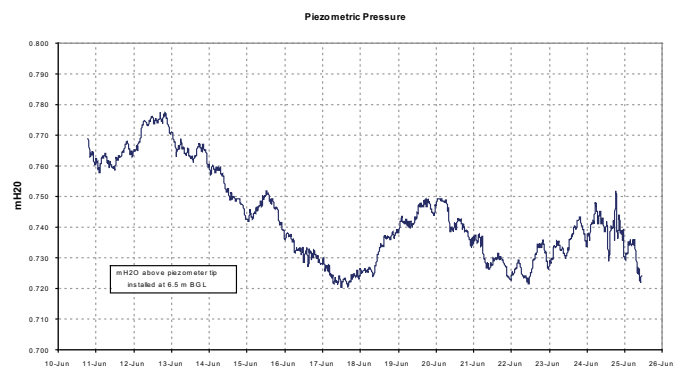
Piezometer Measurements in the London Underground

Profound UK Ltd supplied Lankelma Ltd with twenty BAT-pore pressure sensors for installation into the London



Underground tube network. The intelligent BAT piezometers were installed horizontally using CPT equipment at varying depths beyond the tunnel lining into very stiff clay. Data is being recorded daily and stored within the sensors for later collection.

Lankelma have also installed a series of BAT-sensors connected to stand alone battery operated IS-GSM modules. These modules record and transmit data from up to ten IS-sensors for periods in excess of six months, with no on-site maintenance. This has proven to be a very efficient means of managing instrumentation data and providing their clients with large volumes of high quality information.



Graph, showing both daily and cyclic variation due to tidal influences from the nearby River Thames

Profound UK Ltd will be pleased to discuss your particular monitoring requirements and provide you with the opportunity to experience the best practical monitoring solutions the industry can offer.

New Innovative System For Vibration Monitoring

With the latest Profound innovation, the VIBRA, you can monitor vibrations continuously in order to prevent damage to buildings and sensitive equipment or to stop further nuisance.

Vibrations caused by traffic, demolition and pile driving are accurately monitored in compliance with the governing codes. The system is robust, lightweight, portable and battery-operated which allows for 4 weeks of continuous operation.

The top model of the VIBRA-range, the VIBRA+, is equipped with a GPRS/ internet-option, automatic inclination and calibration check.

For more information about the VIBRA-range please visit our website at www.profoundltd.com



Profound VIBRA, for reliable vibration monitoring

Pile Integrity Testing

Sonic Integrity Testing (SIT) is a quick, proven method to verify the integrity of foundation piles after installation.



SIT-heavy duty

With the Profound SIT-heavy duty you can accurately and efficiently check the pile length and detect irregularities and/or cracks in the pile shaft. The system is robust, light, easily portable and is fully digital. One person can test more than 60 piles within an hour.

For a complete overview of the available SIT-systems please visit our website at www.profoundltd.com

Profound, your partner in:

- . static and dynamic pile testing
- . pile testing services
- . geotechnical instrumentation
- . structural monitoring
- . vibration monitoring

More than 30 years worldwide experience on- and offshore

Geotechnical Monitoring - The Intelligent Way

Having good access to reliable data is vital on any monitoring project. With the advanced Profound IS-system you can now effectively manage your instrumentation data on site, wherever you are.

The IS-system can combine a wide range of sensor types, such as load cells, piezometers and liquid levelling sensors. The Intelligent Sensors process data directly into the correct engineering units. Up to 100 sensors can be interconnected on a single network cable. Data is collected at the sensor, via a network or by the IS-GSM module.



IS-Liquid Levelling System

The latest invention, the IS-liquid levelling system, is an effective tool for precision monitoring of settlements, including monitoring of tunnelling or excavation activities and compensation grouting near structures.

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