

Other Water Quality Probes

Temperature, pH, Nitrate and Water Level Probes

APPLICATIONS

- Water Quality Profile
- Fluid properties
- Groundwater Properties
- Monitoring
- Water Table depth and intervals
- Intrusion and zonal determination
- Contamination Analysis
- Geothermal Gradient determination
- Groundwater flow
- Other log compensation



The Geovista also have a range of other water quality probes to help you measure more data from your borehole.

The temperature probe can be used in any industry to obtain an accurate temperature profile of the borehole.

OVERVIEW

Temperature Probe: This fully combinable probe can be run with any stack in any borehole to measure an accurate temperature profile. This measurement is useful for many applications as well as used in compensation equations for other logs.

pH Probe: This simple to use, and useful probe when connected at the bottom of the stack will record a full continuous Ph profile of the borehole.

Nitrate Probe: The Geovista Nitrate sonde allows for continuous profile of the Nitrate levels in boreholes to be recorded. A measurement of the Dissolved Organic Carbon (DOC) is also made as a quality control as high DOC levels can modify the Nitrate response. The method of operation does not use electrodes in the borehole water, it uses a sealed measurement system that uses the attenuation of UV light at specific wavelengths as the principle of measurement.

Water Level Indicator Probe: A simple to use probe that accurately determines where the water level is.

SPECIFICATION

	Temperature	pH	Nitrate	Water Level
Weight	2.6 kg	1.8 kg	12 kg	2.2 kg
Length	0.53 m	0.54 m	1.2 m	0.35 m
Diameter	38 mm	38 mm	79 mm	38 mm
Sensor	Type PT100 Range: 0 to 80°C Accuracy: ±0.4°C to IEC 751:1983 Class A	Range: 1 to 14 pH Accuracy: up to ±0.05 pH	No electrodes. Sealed system uses attenuation of UV light at specific wavelengths	
Max. Temperature	80°C / 150°C	80°C	80°C	80°C
Max Pressure	200 BAR (Higher rated)	200 BAR	200 BAR	200 BAR
Combinability	Modular	Modular (Bottom only)	Modular	Modular
Borehole	Water, Mud, Air Open, Cased, PVC	Water, Mud Open, Cased, PVC	Water, Mud Open, Cased, PVC	Water, Mud, Air Open, Cased, PVC
Centralisation	Not required	Recommended	Recommended	Not required