

# Temperature and Liquid Resistivity Probe

The DSHW422 is a combined probe designed for measuring both temperature and liquid resistivity. It is suitable for applications such as locating the aquifer bed or thermal spring in geothermal surveys, and searching for petroleum and gases.



## Overview

### Precision Combined Sensing

This combined probe is engineered for the simultaneous measurement of temperature and liquid resistivity in demanding environments. Designed for high-performance applications, it offers rapid response times and high sensitivity to ensure accurate process control. Its robust, cylindrical metallic construction is built to withstand significant pressurization, making it a reliable solution for industrial monitoring needs.

## Performance Metrics

### Measuring Range

**-10**

Min Temperature

**100**

Max Temperature

Measurement Sensitivity	0.05
Temperature-sensing Time	d5
Temp-measuring Derivation	d5%
Stability	d3% output change over 4 hours continuous operation

## Physical Specifications

### Dimensions and Pressure Ratings

Model Variant	Dimensions	Pressurization	Weight
Standard	Æ40x1330m	d 20mpa	6.7
Deep Water (3000m)	Æ50x1230m	d 30mpa	7.8