

# 300m Underground Water Detector

This water detector is specifically designed for depths of 200-300m. It monitors changes in underground electrical resistivity by measuring the intensity of the electrical field to analyze the position and depth of underground water.



## ADDITIONAL IMAGES



## Overview

### Professional Underground Water Detection

The DSHT-2S is a highly portable and efficient multi-function natural electrical field detector designed for accurate subsurface analysis. Offering a significant improvement over traditional DC electrical detectors, this unit is 8 times faster and 8 times lighter, making it ideal for field surveys. It is engineered to identify underground water position, depth, flowing direction, and yield, solving critical needs for drinking, industrial, and agricultural water supply.

## Performance Metrics

### Key Performance Metrics

**300 m**

Detection Depth

**7**

Measuring Channels

**0.001 mV**

Resolution

## Technical Parameters

### Measurement Specifications

Parameter	Value
Measuring Range	0-255mV
Frequency Tolerance	2%
Repetitive Error	±2% ±2 Bit
A/D Switch	16 Bits 1Msps
Input Impedance	e1MΩ
Power Frequency Suppression	>80dB

### Operating Frequencies

- 4900
- 2000
- 600
- 170
- 67
- 35
- 25

## Hardware & Environment

### Display & Interface

5" Touch Screen • USB 2.0

Physical Dimensions	27 x 22 x 15 cm
Weight	2.3 kg
Power System	DC 7.4V 5200mAh Lithium Battery
Operating Environment	-20 to +60 , 80% Humidity

## Applications

Primary Applications	Hydrogeological Survey, Groundwater Exploration, Environmental Monitoring, Agricultural Water Supply, Industrial Water Sourcing
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