

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

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