

Underground Water Detector 500-800m Depth Range

This water detector is designed for detecting underground water sources at depths of 500-800m. It analyzes the position and depth of underground water by monitoring changes in underground electrical resistivity through electrical field intensity measurements.



ADDITIONAL IMAGES



Overview

Professional Underground Water Detection

The DSHT-6S is a high-efficiency, portable natural electrical field detector designed for accurate underground water prospecting. It enables rapid analysis of water depth, position, and flow direction, significantly outperforming traditional DC electrical detectors in both speed and portability. This instrument is an essential tool for solving water access challenges in drinking, industrial, and agricultural applications.

Performance Metrics

Detection Depth

800 m

Max Depth

Measuring Frequencies

- 2000
- 1200
- 600
- 300
- 170
- 100
- 57
- 39
- 31
- 25
- 18
- 15
- 10

Measuring Channels

13 channels

Technical Specifications

Measuring Range	0-400mV
Resolution	0.001mV
Input Impedance	e1M Ω
A/D Switch	24 Bits 1Msps

Physical Characteristics

Dimensions	27 x 25 x 13 cm
Weight	2.8 kg

Power & Environment

Battery Capacity	5200 mAh
Operating Temperature	-40 to +70
Humidity Tolerance	90%

Features

Key Features

Portable • Auto-measuring • Touch Screen • USB 2.0 Interface • High Efficiency