

Underwater Ferrous Object Detector

This underwater magnetic detector is designed for locating ferrous objects submerged in water. It utilizes advanced magnetic sensing technology to identify anomalies caused by metallic objects, even in challenging conditions.



Product Overview

Professional Magnetic Detection

The DSHT-2 is a digital earth magnetic gradient instrument engineered for the precise detection of ferromagnetic objects submerged underwater or buried underground. Designed for high-resolution prospecting, it is suitable for locating pipelines, sewer covers, and ancient sites. The system features a robust, waterproof design and an intuitive full-English interface, making it a reliable tool for humanitarian mine sweeping and professional survey operations.

Performance Metrics

Applied Geomagnetism Range

60000 nT

Range

Magnetic Gradient Sensitivity

Sensitivity Mode	Range
High Sensitivity	±200.0 nT
Low Sensitivity	±2000 nT

Technical Specifications

Resolution & Noise

- Resolution: 0.1 nT
- Noise Level: d0.1 nT

Accuracy & Stability

- Orientation Error: d10 nT
- Parallelism Error: d10 nT
- Stability (4 hours): <1 nT/H

Power & Environment

Continuous Working Time	8 h
Operating Temperature	-20 to +50

Data & Interface

Data Storage Capacity	8000
Interface Features	Graphic LCD, Backlight, Full English Menu, Earphone Alarm