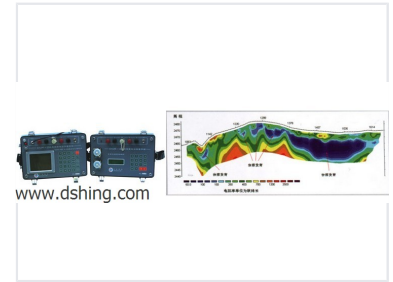


# Multi-Electrode Resistivity Survey System

This system adopts all-digital automatic measurement, executing automatic compensation for spontaneous potential, drift, and electrode polarization. It uses a large screen LCD display.



## ADDITIONAL IMAGES



## Overview

### High-Resolution Geophysical Exploration

This multi-electrode resistivity survey system is a professional-grade solution for subsurface geological investigation. It integrates a multi-functional DC resistivity instrument with a high-capacity multiplex electrode switch to deliver detailed 2D and 3D imaging of subsurface structures. Designed for versatility, the system supports multiple electrode configurations, making it ideal for civil engineering, groundwater exploration, mineral resource assessment, and geological disaster surveying.

## Key Applications

### Suitable Industries & Applications

Geotechnical Engineering, Groundwater Exploration, Mineral Resource Exploration, Geological Disaster Survey, Environmental Monitoring, Civil Infrastructure

## Measuring Unit (DSHD-6A)

### Voltage Specifications

**6000 mV**

Max Measuring Voltage

**0.01 mV**

Voltage Resolution

**80 dB**

50Hz Frequency Suppression

### Current Specifications

**5000 mA**

Max Measuring Current

**0.01 mA**

Current Resolution

### Power Supply

Parameter	Value
Max Supply Voltage	900V
Max Supply Current	5A
Pulse Width	1-60 sec

## Multiplex Electrode Converter (DSHK-2A)

### Electrode Configuration

- 60-channel multiplexing
- 120-channel multiplexing

### Electrical Limits

**2 A**

Max Allowable Current

**500 V DC**

Max Withstand Voltage

### Supported Arrays

Wenner, Schlumberger 1, Schlumberger 2, Dipole-Dipole, Combined Profiles, Differential, Pole-Pole, Triple-Pole Rolling

## System Data

### Data Storage

- High-density mode: 120,000 measuring points
- Stand-alone mode: 4,800 measuring points

### Dimensions & Weight

Attribute	Specification
Weight	8 kg
Dimensions	305 x 200 x 202 mm