

Electrode Test Pen

◆ Product Description

The Electrode Test Pen is specifically designed as a dedicated matching test accessory for the TR1800 Series Surface Resistance Tester. Its core function is to accurately contact the surface of the tested material, collect resistance signals, and stably transmit them to the main unit, enabling wide-range and high-precision surface resistance detection.



- Two-Point Testing Electrode
- Ergonomic Pen Body
- Anti-Interference Transmission System
- Signal Preprocessing Enhancement
- Flexible Adaptation and Maintenance

◆ Product Structure

- The electrode test pen features an ergonomic body made of ABS+PC flame-retardant plastic, offering a comfortable grip and durability. Its core testing layer includes gold-plated oxygen-free copper electrodes for accurate resistance signal collection. Internally integrated with signal preprocessing, a circuit board, and a status indication module, it enables anti-interference and stable connection with the TR1800 main unit.

◆ Typical Product Data and Physical Properties

Housing Material: ABS+PC Flame-Retardant Engineering Plastic

Anti-Pull Buckle Material: TPU Soft Rubber

PCB Substrate: Glass Cloth Substrate

Connecting Connector: Brass + Gold-Plated

Overall Dimensions: 158MM*32MM*28MM

Signal Response Time: ≤100ms

Electrode Spacing: 10MM

Cable Tensile Strength: ≥100N

Tensile Strength: ≥300MPa

Availability:

Item#	Model	Weight
1.5.07.11.0025	AE706	0.6kg

◆ Typical Applications

- As an accessory component for the TR1800 Surface Resistance Tester, the electrode test pen is widely used in electronic manufacturing, semiconductors, packaging and logistics, laboratories, as well as special scenarios such as narrow spaces and special-shaped surfaces. It provides accurate data support for electrostatic protection and material resistance testing in various fields.

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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