

Pointed Multimeter Pen

◆ Product Description

Multimeter test probes are core measurement accessories for digital multimeters, serving as the signal transmission medium between the measured circuit and the multimeter main unit. Their material and manufacturing process directly determine measurement accuracy and operational safety. Widely compatible with all types of digital multimeters including handheld portable, benchtop high-precision and industrial explosion-proof models, they are indispensable consumable accessories for electronic measurement, equipment maintenance and circuit testing scenarios.

- High Conductivity & Low Resistance for Accurate Signal Transmission
- Voltage Withstand & Insulation for Operational Safety Protection
- Wear & Flex Resistance for Long-lasting Durability
- Universal Compatibility for Plug-and-play Convenience
- Ergonomic Design for Precise Operation

◆ Product Structure

- Multimeter test probes adopt a four-section integrated structure consisting of test tips, internal conductors, grip handles, and connecting plugs. The tapered nickel-plated copper alloy tips enable precise contact with narrow measurement points; the multi-strand oxygen-free copper core conductors are coated with a thickened voltage-resistant PVC insulation layer; the non-slip rubber handles are injection-molded integrally with the conductors to prevent wire detachment; the 4mm gold-plated brass standard plugs are compatible with mainstream multimeter models, achieving a balance of accurate signal transmission, operational safety, and long-term durability.

◆ Typical Applications

- As the core measurement accessories of multimeters, multimeter test probes boast features of high conductivity, low resistance, insulation safety and strong compatibility, and are widely used together with various types of multimeters in scenarios such as electronic testing, equipment maintenance, industrial servicing and scientific research experiments.



◆ Typical Product Data and Physical Properties

Test Tip Basic Model: Nickel-plated copper alloy
 Industrial/Precision Model: Hardened nickel-plated copper alloy (HRB 50+)
 Internal Conductor Core: Stranded oxygen-free copper wires
 Outer Layer: Thickened PVC insulation layer
 Grip Handle Non-slip rubber
 Connecting Plug Gold-plated brass
 Device Dimensions 180×85×45mm
 Device Weight 180g
 Protection Rating IP30

Availability:

Item#	Weight	Packing
1.5.07.09.0012	0.05KG	1 piece/pack

◆ 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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