

CUSTOM DUAL PIN KELVIN PROBE

A dual pin Kelvin probe is a precision tool for **measuring very low resistances** in components like connectors, PCB traces, or battery contacts. Using a four-wire method, it separates current and voltage paths to eliminate lead and contact resistance, **ensuring high accuracy**.

The Problem & Why It Matters:

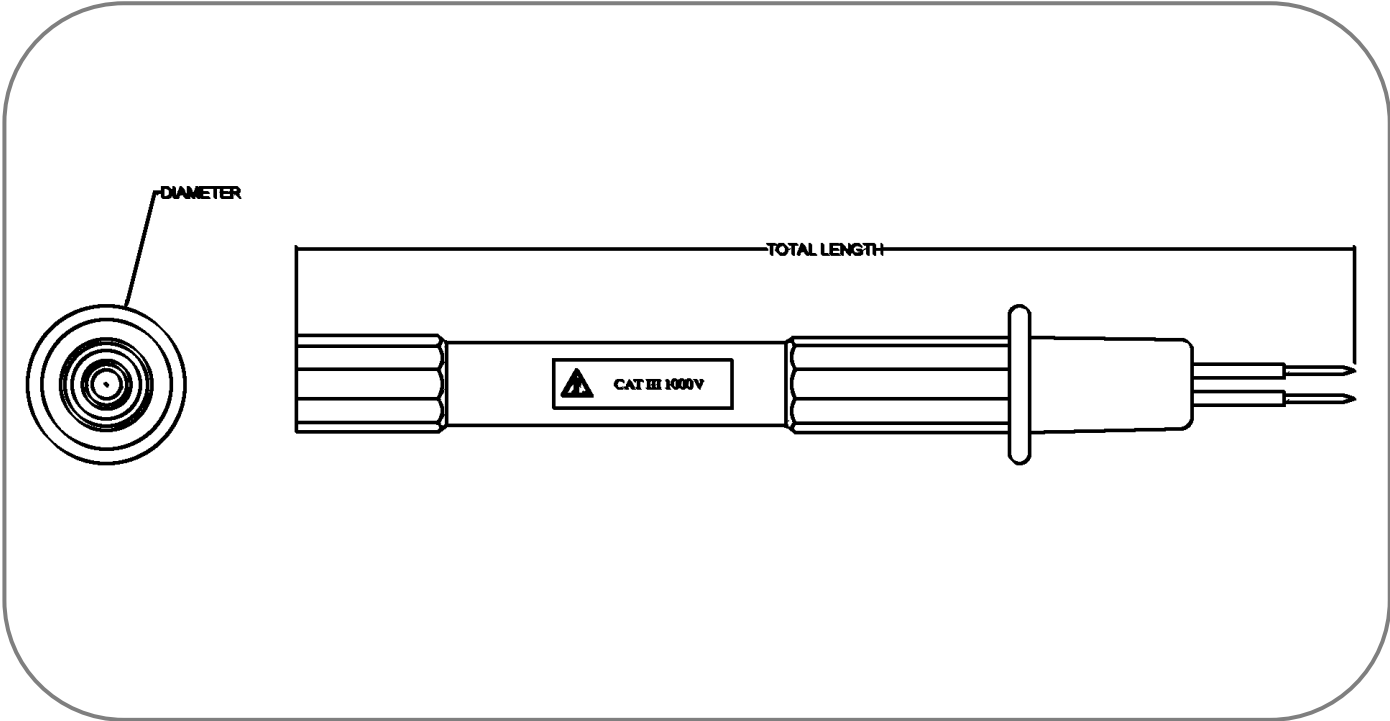
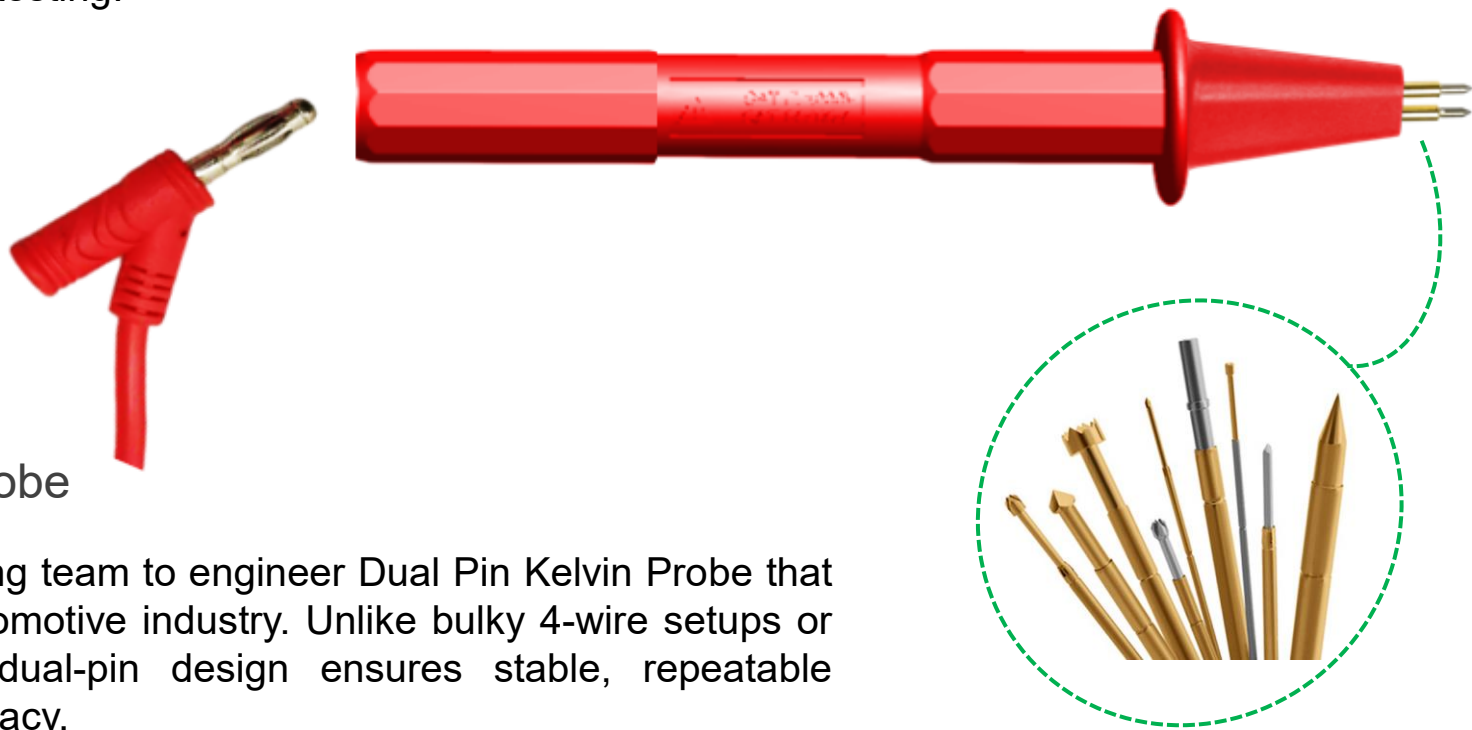
Accurate low-resistance testing is critical in automotive systems to detect faults in connectors, grounds, and wiring. Standard probes or bulky Kelvin clips often struggle with small or hard-to-reach components, leading to inaccurate results or slow testing.

Our Solution: Custom Dual Pin Kelvin Probe

At **Auto Test Aid**, we partner with your engineering team to engineer Dual Pin Kelvin Probe that redefines low-resistance measurement in the automotive industry. Unlike bulky 4-wire setups or inconsistent clip-based probes, our compact dual-pin design ensures stable, repeatable contact—minimizing user error and boosting accuracy.

The result? Faster diagnostics, sharper fault detection, and enhanced vehicle safety—all in a tool built for the real-world constraints of modern automotive systems.

- ✔ Joint design & prototyping
- ✔ Consistent, repeatable performance
- ✔ Production-ready solutions



Basic Specifications

Product Specifications Prior to Change	
Hardware Material :	Copper / 304 Stainless Steel
Operating Temperature :	-55°C to +155°C
Category :	CAT III 1000V

How It Works?

- ❑ Submit Your Specs – Send us your specific requirements
- ❑ Collaborate & Prototype – We co-develop the optimal design
- ❑ Approve & Order – Receive production-ready