

Two-Point Pen Probe

Part Number: 09-0102



Finally, a 2-Point Probe that is well-designed at an affordable price. It works with most popular megohm meters, electrometers or even multimeters (for conductive materials). The Pen Probe family has handsome features, ergonomic grip and replaceable tips for long lasting performance.

APPLICATIONS:

Point-to-point Resistance measurements for small parts according to ANS/ESDA 11.13

Resistance characteristics of small samples, small parts or those with fine features or irregular surfaces.

ESD laboratory measurements

Incoming Quality measurements

Production line audits

Field audits

Conductive rubber pads ensure good contact to hard surface of sample.

Spring loaded probes conform to surfaces of different smoothness and topographies.

FEATURES:

- Light Weight Pen-shape Probe.
- Ergonomic Grip
- Lacquered Solid-Braass Barrel
- BNC Connector
- Delrin Dielectric Material
- Built-in Spring Force Limiter
- ATE-Quality Pogo Pin Probes
- Replaceable Probe Pins and Contacts
- Conductive Rubber Contacts
- Meets ANSI/ESDA 11.13

FEATURES:



BNC connector for solid signal connection. Removeable connection for easy storage.



Six-foot (6') thin-line BNC-BNC coaxial cable for interference-free measurements. Inner signal and outer ground shielded cable.



BNC-Banana jack adapter used for most megohm meters and multimeters.

SPECIFICATIONS:

Physical Dimensions	Length: 5.9" (150mm) without cover, 6.5" (165mm) with cover. Probe diameter: 0.5" (12.7mm); Cover diameter: 0.63" (16mm)
Probe Weight	3.0 oz. (85 grams)
Body	Brass, acrylic and poly acetal (Delrin)
Finish	Blue Lacquer on Brass, Laser Marked
Dielectric Material	Delrin
Contact Material	Conductive Rubber Boots
Pin Dimensions	Pins: 0.1" (2.54mm) diameter
Pin Properties	Field-replacable, spring-loaded, pogo-pin type ATE quality probes. Beryllium Copper with minimum 60 microinch hard gold.
Spring Force at Test	1.0 lbs. (0.45 kgs.)
Total Travel at Test	0.3" (7.6mm)
Min. Sample Size	0.62" (8.2mm) diameter
Connection	BNC with inner source and outer ground connections
Cables	75 ohm thin-line coaxial cable BNC to BNC.
Power	Not applicable. The probes are used in conjunction with megohm meters, electrometers. However, high voltage with limited current may be present on the source (outer) leads of the probes.
Warranty	Limited One Year