

PEN PROBE

60-200-0603/0604/0605

These pen probes are to be used with a Tera-Ohm meter, 61-200-0600.

These pen probes accurately measure surface resistance of small areas, hard to access moulded area and other very small object and surfaces.



Probe	Microconcentric Pen probe	2 point pen probe	1 point pen probe
Function	Surface resistance	Surface resistance	RTG
Part Number	60-200-0605	60-200-0604	60-200-0603
Length without cover	5.9" (150mm)	6.3" (160mm)	5.9" (150mm)
Length with cover	6.5" (165mm)	6.9" (175mm)	6.5" (165mm)
Probe diameter	0.5" (12.7mm)	0.5" (12.7mm)	0.5" (12.7mm)
Cover diameter	0.63" (16mm)	0.63" (16mm)	0.63" (16mm)
Weight	3.0 oz. (85 grams)	2 oz. (57 grams)	1.5 oz. (43 grams)
Body	Brass, acrylic and poly acetal (Delrin)		
Finish	Blue Lacquer on Brass, Laser Marked		Blue Lacquer on Brass
Dielectric material	Teflon	Delrin	Poly acetal (Delrin)
Contact material	Conductive Rubber Boots		
Pin diameter	0.1" (2.54mm)		
Spring force	3.5 lbs. (1.6 kgs)		
Total travel	0.3" (7.6mm)		
Minimum sample size	0.32" (8.2mm)		
Connection	BNC with outer source and inner sense connections		Banana Socket
Cable	75 ohm thin-line coaxial cable BNC to BNC		Cable RG-174 coaxial cable with BNC on one end and dual banana jack to fit meter on other end.
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.		