



PRF-922B Two-Point Probe Set

The Prostat PRF-922B Miniature Two Point probe accurately measures point-to-point resistance of small areas. Like Prostat's PRF-912B Miniature Concentric Ring, the PRF-922B is capable of measurements up to 1.0×10^{12} ohms. Built-in distance stops provide consistent electrode to sample pressure for developing repeatable measurements. Use the PRF-922B to measure small material samples, hard to assess molded areas, edges of parts, tray or tape cells and other very small objects and surfaces.

The assembly is supplied with replaceable conductive electrode covers to enhance contact resistance on irregular surfaces and composition materials. Thus, measurements may be made with either the gold plated electrode contacts, or via conductive rubber covers.

Specifications

Range:	0.9 – 1.0×10^{12} Ohms (1.0E+12)
Dimensions:	Length: 7.0" (178 mm) without probe cover. 7.70" (195 mm) with probe cover. Probe Diameter: 0.5" (12.7 mm). Probe Cover Outer Diameter: 0.63" (16 mm).
Probe Weight:	2.0 oz (58g)
Finish:	Black
Dielectric Material:	Black Delran
Contacts:	Electronic quality gold plated contact probes: 0.1" (2.54 mm) diameter. Conductive synthetic rubber contact boots: 0.125" (3.18 mm) diameter. Probes center-to-center spacing: 0.250" (6.35 mm)
Min. Sample:	0.32" (8.2 mm) diameter

Probe Spring:	Force/Test 1.5 lb (0.68 kg)
Probe Travel:	0.25" (6.4 mm) Self-limited
Connection:	BNC with outer source and inner sense connections
Cable:	RG-174 coaxial cable equipped with insulated BNC couplers, and BNC/Banana adapter for connection to Prostat PRS-801 Instrument
Power:	Not applicable. Fixture powered by resistance instrument.

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1072 Tower Lane, Bensenville, IL 60106 USA
Phone +1 (630) 238-8883 Fax +1 (630) 238-9717
Web access: <http://www.prostatcorp.com>

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Pro-Pack Materials Pte. Ltd.
Blk 970, Toa-Payoh North #04-18/21
Toa Payoh Industrial Estate, Singapore 318992
(65) 6-354-1511 Fax: (65) 6-354-1711

E-mail: sales@pro-pack.com.sg
Web access: <http://www.pro-pack.com.sg>