



PRV-913 Micro Probe Resistance Verification

Verify the proper functioning of PROSTAT PRF-912 and PRF-914 Probe Sets



Item Number
PRV-913

Packaging

Weight: 0.5 lbs (0.2 kg)
Length: 8.25 Inches (21 cm)
Width: 7.5 Inches (19 cm)
Height: 3.5 Inches (8.5 cm)

Approximately 2 inches (50.1mm) square by 0.82 inches (21mm) thick, the PRV-913 is designed to confirm the proper function of the PRF-912 and PRF-914 Probe Sets.

It consists of a high quality black anodized housing and circuit board incorporating an array of ten (10) each 10 megohm precision ($\pm 1\%$) resistors in parallel, connecting the center pad to each of the ten peripheral trace pads. It provides a specific reference resistance of 1.0×10^6 ohms ($\pm 5\%$).

Properly used, the PRV-913 insures that all PRF-912 & PRF-914 spring loaded test probes make defined contact with the reference surface. It has the capability of providing a 1-megohm (1.0×10^6 ohms) reference measurement with a theoretical maximum total variance of 9.5×10^2 to 1.05×10^6 ohms.

Typical reference measurements range from 1.01×10^6 to 1.03×10^6 ohms, i.e., equal to or less than $\pm 3\%$ error.

Specifications

Physical Dimensions:

2.0 in x 2.0 in x 0.83 in (50.1mm x 50.1mm x 21mm)

Fixture Weight:

3.9 ounces (110 grams)

Finish:

Black anodized

Contact Pads:

Copper substrate with nickel and hard gold plating

Resistors:

$\pm 1\%$ precision, 10-megohm resistors, total of 10 each

Power:

Not applicable. Powered by PRF-912 or PRF-914 during test

