



## **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  $1.0 \times 10^6$  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 ( $1.0 \times 10^6$  ohms) reference measurement with a theoretical maximum total variance of  $9.5 \times 10^2$  to  $1.05 \times 10^6$  ohms.

Typical reference measurements range from  $1.01 \times 10^6$  to  $1.03 \times 10^6$  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

