

Meter Attachments



Item Number
PFC-721

Packaging

Weight: 1.5 lbs (0.7 kg)
Length: 8.25 Inches (21 cm)
Width: 7.5 Inches (19 cm)
Height: 3.5 Inches (8.5 cm)

PFC-721 Faraday Cup Assembly
Measure charge generation on small parts and assemblies

Simple in design, the PROSTAT PFC-721 Faraday cup is the experienced ESD practitioner's fastest solution for obtaining approximate charge generation measurements on small parts and assemblies.

Designed for use in tight machine spaces, the PFC-721 is used with PROSTAT's CPM-720 Charge Plate Monitor and PFM-711A Field Meter.

Devices placed into the PFC-721 share their charge with the cup and the upper sensing plate of the CPM-720. The resulting field measurement on the PFM-711A is multiplied by the cup's correction factor to calculate charge (Q) in nanocoulombs.

SPECIFICATIONS:

Materials:

Stainless Steel
Conductive Foam Bottom Cushion

Plate Correction:

.0169 **Interior Dimensions:**
2.35 x 3.00 x 2.84 inches

Weight:

0.75 ounces



Item Number
PGB-745

Packaging

Weight: 1 lbs (0.5 kg)
Length: 8.25 Inches (21 cm)
Width: 7.5 Inches (19 cm)
Height: 3.5 Inches (8.5 cm)

PGB-745 Decay Accessory Set
Measure charge movement and decay time across materials

The PGB-745 Decay Accessories Set is specifically designed for measuring charge movement and decay time across ESD controlled materials. The set consists of two stainless steel electrodes and two very high resistance test leads selected for this application. The high resistance leads minimize leakage during the test cycle and are equipped with male banana plugs.

SPECIFICATIONS:

ELECTRODES

Size:
1 inch (2.54 cm) Diameter
1.185 inches (3 cm) High
Standard Banana Receptacle

Weight:
4.2 OZ. (115 grams)

LEADS

Length:
Black, 36 inch Length

Resistance:
5.0x10¹² Ohms Insulation Resistance

Note: Standard Male Banana Both Ends

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Item Number
PGC-821

Packaging

Weight: 1 lbs (0.5 kg)
Length: 8.25 Inches (21 cm)
Width: 7.5 Inches (19 cm)
Height: 3.5 Inches (8.5 cm)

PGC-821 Garment Clip - 1 Pair
Measure resistance of static control garments

These useful plated steel clips were designed in accordance with ESD Association Standard Test Method ESD-STM2.1-1997 Garments. Attach them directly to a garment's sleeves or hem for making either evaluation or audit resistance measurements. These unique clips are designed for simple connection to a resistance measurement instrument via banana input receptacles. Clip flanges are insulated to provide electrical isolation when making measurements.

Use PGC-821 Garment Clips with the PROSTAT PRS-801 Resistance System, PRS-812 Resistance Meter, PSI-870 Resistance/Resistivity Indicator, or any suitable resistance measuring instrument.

SPECIFICATIONS:

Size:

1 inch x 2 inch Electrodes mounted to an electrically conductive clamp

Electrode Material:

Plated Steel

Test Lead Connection:

Brass, Nickel Plate conductive Banana Jack

Clamp Insulation:

Rubber Grommet measuring $> 1.0 \times 10^{12}$ Ohms over a Heavy Duty Rubber Coating



Item Number
PRF-900

Packaging

Weight: 1 lbs (0.5 kg)
Length: 8.25 Inches (21 cm)
Width: 7.5 Inches (19 cm)
Height: 3.5 Inches (8.5 cm)

PRF-900 Stop
Miniature Probe Stopper
Miniature Probe Stopper for use with the PRF-912 or PRF-914
Micro Probes

The PRF-900 is designed to limit probe to sample pressure when using PRF-912 and PRF-914 Miniature Concentric Ring fixtures. It fits snugly on the fixture's housing, surrounding the concentric ring pin assembly. As the fixture is pressed against the sample under test, the stopper limits the applied electrode pressure. This assists the user in obtaining repeatable measurements using consistent electrode pressure.

Dimensions:

Diameter: 0.75" (1.9 cm)
Length: 0.75" (1.9 cm)

Weight:

1 ounce

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Item Number
PTB-920

PTB-920 Dual Test Bed

Dual Test Bed for PRF-911

PROSTAT Dual Surface Test Bed for use with the PRF-911 Concentric Ring Fixture.

Dimension

Circumference: 4.0" (10.1 cm)
Thickness: 0.5" (1.3 cm)

Weight

8 ounces

Packaging

Weight: 1 lbs (0.5 kg)
Length: 8.25 Inches (21 cm)
Width: 7.5 Inches (19 cm)
Height: 3.5 Inches (8.5 cm)



Item Number
PRS-801-W

PRS-801-W 5lb Conductive Rubber Electrode

Use for resistance testing of floors, worksurfaces, floor mats, or other flat objects

The PRS-801-W is a precision milled resistance probe with conductive rubber pad for use with PROSTAT's PRS-801 Resistance System. Used in point to point and point to ground resistance testing of floors, worksurfaces, floor mats or any flat object, the PRS-801-W produces repeatable measurements in accordance with ESD Association standards. The PRS-801-W will work with ANY other resistance measuring meter for specification measurements.

SPECIFICATIONS:

Weight:

5 lbs. (2.27Kg) each \pm 5%

Dimensions:

Diameter: 2.5" (6.4 cm)
Approximately 4.7 inches (12 cm) \pm 5%

Pad Material:

Durometer hardness of 50-70, < 1K ohm resistance at 10V on metal

Connection:

One female banana receptacle

Color:

Gray

Handle Color:

Black

Packaging

Weight: 5.25 lbs (2.4 kg)
Length: 8.25 Inches (21 cm)
Width: 7.5 Inches (19 cm)
Height: 3.5 Inches (8.5 cm)



Ground Zero Electrostatics Meter Attachments



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