

## PFC-252 PROFESSIONAL FLOOR CERTIFICATION KIT



The PFC-252 Professional Floor Certification Kit is for anyone who is verifying floor performance to ANSI/ESD S20.20, IEC 61340-5-1, or other company requirements.

## FLOOR CERTIFICATION



The PFC-252 Professional Floor Certification Kit is specifically designed for anyone who is verifying floor performance to ANSI/ESD S20.20, IEC 61340-5-1, or other company requirements.

The PFC-252 includes Prostat's PRS-812 Resistance System Set with modified 5 pound conductive rubber electrodes and Prostat's Cable Spacers for exact measurements. The PRS-812 wide range resistance system can take measurements at 10 and 100 volts with accuracy within  $\pm 5\%$ .

Also included is the PFK-100 Field Meter Set. The PFK-100 set includes Prostat's unique PFM-711A dual range field meter, CPM-720A charged plate monitor assembly and PCS-730  $\pm 1$  kv charging source. With this instrument set you can measure electrostatic fields, analyze ionizer performance and assess the voltage generation of materials, equipment and personnel.

The PGA-710 is a unique electrostatic data analysis device for use with Prostat's PFK-100 Fieldmeter/Charge Plate Monitor Set. It records, plots, analyzes and automatically constructs reports of body voltage generation, electrostatic decay, voltage retention, ionizer performance and other static measuring functions. Its analytical features document and automatically calculate projected levels of typical Human Body (HBM) voltages. It helps determine the risk of equaling or exceeding damaging or hazardous HBM discharge voltages in static sensitive facilities on the floor.

The PFC-252 Professional Floor Certification Kit is shipped with an Operator's Manual, Prostat's exclusive Floor Test Manual and the ANSI/ESD S7.1, ANSI/ESD STM97.1 and ANSI/ESD STM97.2 ESD Association Standard Test Methods.

Everything you need to certify a floor, or floor and footwear combinations.

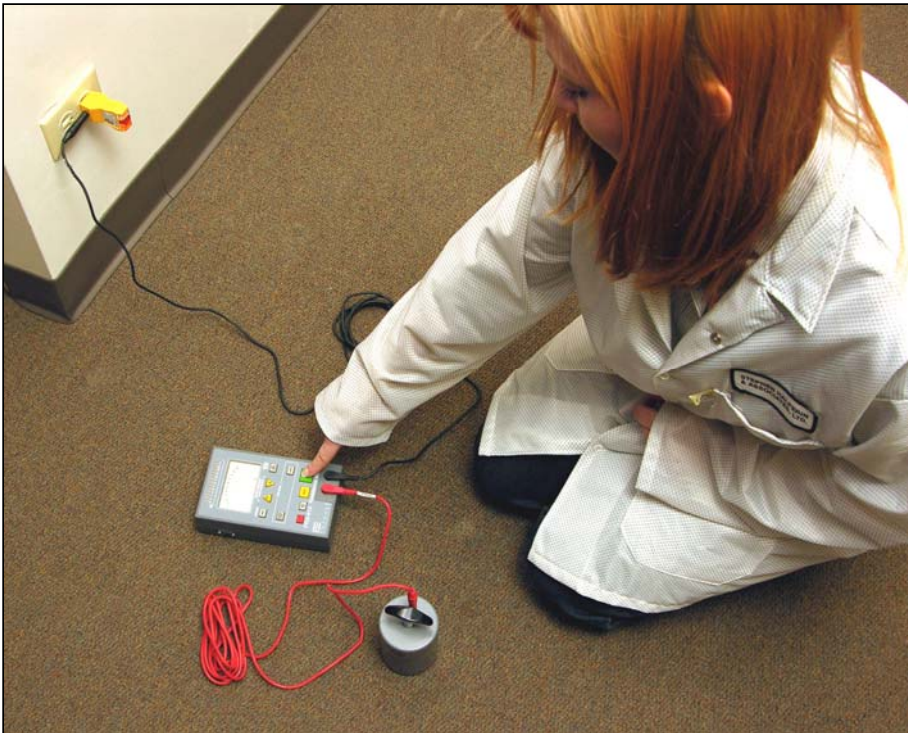


# PRS-812 RESISTANCE METER SET

WIDE RANGE. ACCURATE. PORTABLE.

The PRS-812 is a constant voltage, wide range ohmmeter with data logging and calculating capabilities. Fully portable and battery operated, the PRS-812 measures resistance from  $<0.1$  to  $1.0 \times 10^{12}$  ohms with measurement accuracy of  $\pm 5\%$ . It can be operated in fully Automatic, Automatic,-Manual and Manual modes.

- Resistance Range:  $0.1 \Omega$  to  $2.0 \times 10^{12} \Omega$
- Test Voltages
  - 0.001 to 10 Volts Auto Variable
  - 10 & 100 Volts Constant  $\pm <5$  mv
- Digital LCD Display & LED Indication
- 80 Data Point Memory
- Includes Lead Sets, Steel & Insulative Test beds, and Calibration Shunt



## Resistance Fixtures & Electrodes

Use five-pound electrodes for measuring resistance of floors, worksurfaces, floor mats, etc.

Measure:

- Resistance Point to Point (Rtt)
- Resistance to Ground (Rtg)
- Evaluate:
  - Floors
  - Worksurfaces
  - Equipment
  - Garments
  - Production Aids



WIDE RANGE. ACCURATE. PORTABLE.

# PGA-710 AUTOANALYSIS SYSTEM SET

## ESD ANALYSIS AT ITS FINEST

The PGA-710 Autoanalysis System<sup>®</sup> allows experienced ESD Auditors to analyze any Facility or Manufacturing Process in conjunction with their Prostat PFK-100 Field Meter Set and computer.

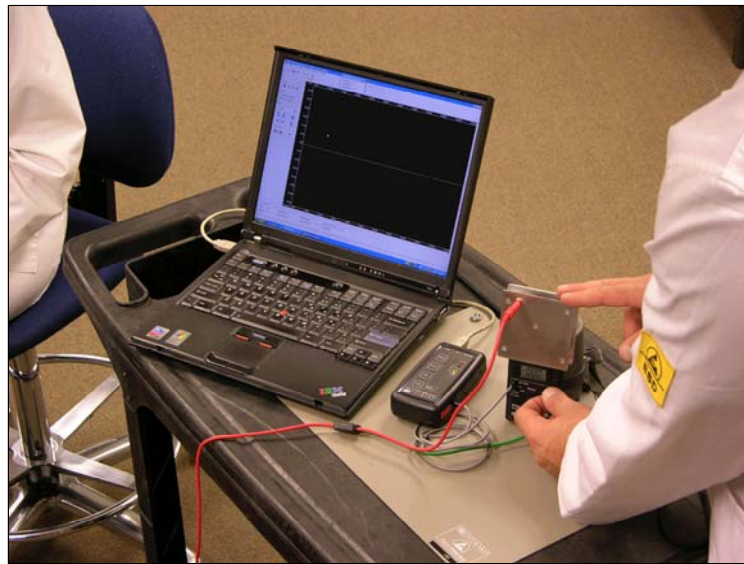
It records and analyzes measurements and automatically generates reports for Voltage Generation, Fields and Electrostatic Decay. Or the PGA-710 may simply function as an advanced recorder for general measurement and experimental applications. Use it to measure and analyze People, Floors, Footwear, Ionizers, Chairs, Carts, Equipment, Packaging Materials and other ESD control elements.

You may also record measurements remotely with the PGA-710 for later downloading and computer analysis using supplied software.



### SENSOR

Continuously Measure and Record Relative Humidity and Temperature in °F or °C



Measure, Record, Analyze & Report Electrostatic Voltage Generation and Decay Performance:

- Footwear and flooring combinations
- Carts & Chairs
- Packaging Materials & Systems
- Production Aids
- Worksurface Voltage Suppression
- Ionization Offset Voltage & Decay Performance
- Production Aids & Materials
- Record process equipment field voltages



ESD ANALYSIS AT  
ITS FINEST!

## PFK-100 FIELD METER SET

The PFK-100 set includes Prostat's unique PFM-711A dual range field meter, CPM-720A charged plate monitor assembly and PCS-730  $\pm 1$  kv charging source. With this instrument set you can measure electrostatic fields, analyze ionizer performance and assess the voltage generation of materials, equipment and personnel.

The battery operated PFM-711A Field Meter is a compact "electronic chopper" design with accuracy of  $\pm 2\%$  at ambient conditions (23°C and 30%Rh). It features automatic polarity, measurement "hold" button, low battery indicator, high and low ranges, distance ranging lights for accurate and repeatable measurements, manual zero control and a ground snap. With the supplied analog output cable, it can be used in conjunction with an X-Y plotter or any analog data-recording device.



## PHT-771 DIGITAL PSYCHROMETER



- Simultaneous display of %RH, Temperature and Dew point or Wet Bulb or Probe Temperature
- Wet bulb measurements without slinging
- Calculates T1-T2 differential (Air Temperature-External Probe Temperature) using optional probe
- Unique sensor cap design twists to closed position for protection during storage
- Switchable °F/°C temperature units with 0.1° resolution
- Data Hold freezes current reading on display
- Max/Min readings

# PGT-61-164 UNIVERSAL SURETEST® CIRCUIT ANALYZER

The PGT-61-164 SureTest® Universal Circuit Analyzer test circuits according to ANSI/ESD S6.1-*Grounding*. Verify the following wiring conditions:

- Neutral and equipment grounding conductor wires are present and not connected to each other
- Hot and neutral wires are not reversed
- Hot and equipment grounding conductors are not reversed
- Impedance of the equipment grounding conductor is not greater than 1 ohm

In addition, you can effectively test and troubleshoot a branch circuit.



# GAP-005 GROUND ADAPTER PLUG

Provides an ESD ground path to a previously tested receptacle.



**Features:**

- Equipped with three (3) indicating lights
- Banana plug input for Wrist Strap Connection
- UL Approved

# PFA-860 FOOTWEAR AUDITOR

The PFA-860 Footwear auditor is designed for resistance measurements of footwear while being worn by personnel. It is designed for use in conjunction with the Prostat PRS-801 or PRS-812 resistance sets.

The 860 can be used to:

- measure individual body resistance through the body to the test plate;
- measure resistance through the body and shoes (one or both shoes) to the test plate; and,
- measure resistance through a shoe to the test plate. The PFA-860 Footwear Auditor includes three components:

1. Hinged Test Plate
2. Hand Held Test Wand
3. Banana Snap Accessory



## PWS-610M FABRIC BAND WRIST STRAP



In conjunction with the best product designers in the ESD industry, Prostat has created new refinements in wrist strap technology. Prostat wrist straps are specially designed for durability, lightweight, portability and comfort.

These unique personnel and instrument grounding products are intended for use in demanding, high performance applications where reliability is the priority.



### INCLUDED

PWS-620B Fabric cuff with Adjustable Buckle and 100mm snap cover

PWS-610PGC Personal Ground Cord Lightweight-Heavy Duty with installed 1 meg Ohm Resistor

Metal Alligator Clip

## PK-2/300 BLACK CARRYING CASE

The PK-2/300 CASE is a Hard Shell with retractable handle and wheels. The case also contains foam inserts for protection of test equipment and accessories.

The case includes a PAB-023 Black Accessory Box.





**Prostat Corporation**

1072 Tower Lane  
Bensenville, IL USA 60106  
(630) 238-8883 Fax (630) 238-9717

**E-mail:** [sales@prostatcorp.com](mailto:sales@prostatcorp.com)

**Web access:** <http://www.prostatcorp.com>

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