



Ground Zero Electrostatics PAK-212 ESD Auditor's Kit

PAK-212 ESD Auditor's Kit

Measure Resistance, Electrostatic Fields, and More. Designed for ANSI/ESD S20.20 Program Applications



Item Number
PAK-212

Contents

- ☀ PFM-711A Field Meter w/Analog output cable
- ☀ CPM-720A Charge Plate Assembly
- ☀ PCS-730 \pm 1kV Charging Source
- ☀ PWS-610M Wrist Straps (2)
- ☀ PHT-770 Hygro-Thermometer
- ☀ PDT-740B Static Decay Timer
- ☀ PGT-61-154 SureTest® Circuit Analyzer
- ☀ GAP-005 Ground Adapter Plug
- ☀ PRS-812 Instrument Set
- ☀ PRS-801-W 5 lbs Conductive Rubber Electrodes (2)
- ☀ PRS-800CS Cable Spacers Set - 36" & 10" Large Pony Clamp 6"
- ☀ PAR-809B Variable Resistance Reference (1 red and 1 black lead)
- ☀ PRS-801-WW Electrode Cleaning Wipes (5)
- ☀ Operator's Manual
- ☀ PAB-023 Accessories Box
- ☀ PK-200/300 Carrying Case with Handle and Wheels

Options:

- ☀ PFC-721 Faraday Cup Assembly
- ☀ PGB-745 Decay Accessories Set
- ☀ PAN-750 Anemometer
- ☀ PFA-860 Footwear Auditor
- ☀ PRF-911 Concentric Ring Sets
- ☀ PGC-821 Garment Clips

The PAK-210 ESD Auditor's Kit expands your measurement and audit capabilities. The Basic System Kit includes all of the equipment in the PFK-101 and PMK-151 Kits and adds the necessary equipment for testing wrist strap and footwear checkers, advanced ground and electrical circuit assessment and detailed wrist strap audits.

The PAK-210 includes PROSTAT's PRS-801 Resistance System Set with modified 5 pound conductive rubber electrodes, the PRS-801 wide range resistance system, and PROSTAT PRS-801 Connectivity software for computer data downloading. You can take measurements at 10 and 100 volts with accuracy within $\pm 5\%$.

The PAR-809B Variable Resistance Reference offers 31 precision ($\pm 2\%$) reference resistors for evaluating performance and PASS/FAIL set points of wrist strap and footwear checkers, resistance measurement and monitoring systems. This dedicated "decade" box is relay operated and displays selected resistance values from 9.5×10^2 to 1.1×10^{10} Ohms in two LED windows. Resistance is easily selected using two scrolling buttons. PAR-809B resistance values were chosen to meet all international reference requirements.

The PGT-61-154 SureTest® Circuit Analyzer incorporates all the branch circuit testing capabilities you need to effectively test and troubleshoot a branch circuit. It can apply a full 12, 15 or 20 amp load to a circuit for voltage drop measurements. This capability helps detect high-resistance points that cause fits for equipment on the line, such as loose connections, corroded wires, bad splices or faulty electrical devices.

The PHT-770 Hygro-Thermometer is provided for temperature and humidity measurement. The kit also includes modified wrist straps for instrument and personnel grounding, a common point ground adapter plug, clamps, clips and an operator's manual. It's all contained in a molded carrying case with retractable handle and wheels.

Applications

- ☀ Combines resistance capabilities and advanced field measurement
- ☀ Measure work surface, equipment, furniture and flooring resistance
- ☀ Check ground and electrical circuit reliability
- ☀ Measure wrist straps
- ☀ Measure electrostatic fields
- ☀ Analyze ionizer performance
- ☀ Balance ionizers
- ☀ Measure body voltages
- ☀ Measure charge generation and decay time
- ☀ Measure temperature and relative humidity

Test According To

ESD S1.1 Wrist Straps
ESD S2.1 Garments
ANSI/EOS/ESD S3.1 Ionization
ESD S4.1 Worksurfaces
EOS/ESD S6.1 Grounding
ANSI/ESDS7.1 Flooring
ESD S12.1 Seating

Packaging

Weight: 37 lbs (17 kg)
Length: 26 Inches (66 cm)
Width: 17.5 Inches (44.5 cm)
Height: 13 Inches (33 cm)



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