



Ground Zero Electrostatics PAK-210 ESD Auditor's Kit

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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.



Item Number
PAK-210

Contents

- * PFM-711A Field Meter w/Analog output cable
- * CPM-720A Charge Plate Assembly
- * PCS-730 ± 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-801 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 Set
- * PGC-821 Garment Clips

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 ±5%.

The PAR-809B Variable Resistance Reference offers 31 precision (±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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