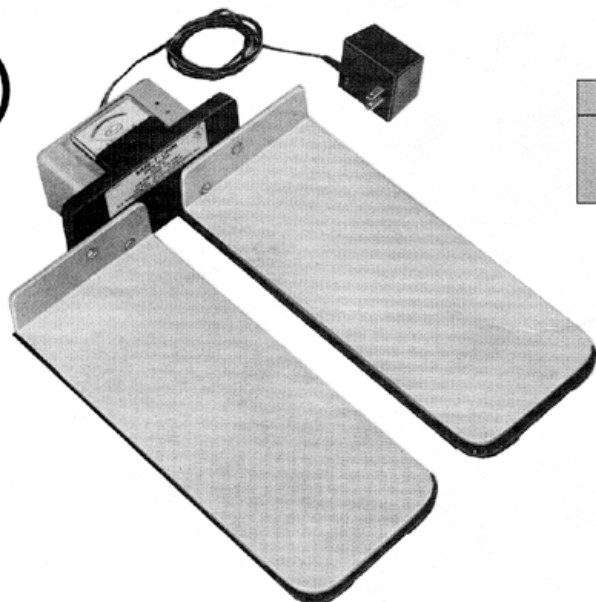
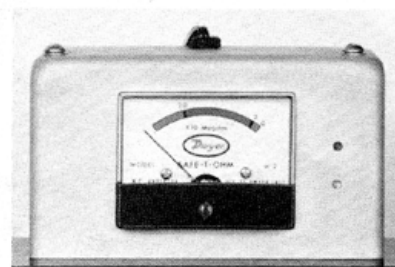


MODEL M SAFE-T-OHM®

INSTALLATION AND OPERATING INSTRUCTIONS



Model	Megohm Range
M-1	2-20
M-2	20-200
M-3	200-2000



All scales read zero to infinite resistance. "Megohm Range" indicates the limits of acceptable resistances as shown in green on the color coded scale. Select the proper model according to the resistance rating of the ESD footwear specified for use in your facility.

Power Supply: 115 VAC; 50/60 Hz.

Protective Circuitry: UL approved Class II transformer; One megohm limiting resistors in series with each shoe plate.

Calibration: $\pm 1\%$ at both minimum and maximum of range.

Size: 12x17 inches

Weight: 8 pounds

Installation: Clean, dry, static-free floor. Carpeting not recommended.

Accessories (order separately): Conductive shoe cleaner, test records (14/pkg.), 1% calibration resistors for 2, 20, 200 & 2000 megohms.

INSTRUCTIONS FOR USE

Place the Shoe Tester on the floor and plug cord into 115 Volt AC socket. Allow 10 minutes for the tester to warm up. To test conductivity of shoes, place one foot on each plate. The color coded meter will measure the resistance of your shoes in megohms and indicate whether or not shoes are within the calibrated zone. Bright red and green LED's display shoe status simultaneously with the meter. If shoes do not test satisfactorily, clean shoes thoroughly with the Anderson Conductive Shoe Cleaner and test again.

METER CALIBRATION

Remove 2 black plugs from back of meter/circuit board housing. Use potentiometer R14 (lower hole) to adjust span or high range and R15 (upper hole) to adjust zero or low range. See figure A. To calibrate, attach a 1% precision resistor across shoe plates corresponding to high range value and adjust R15 for full scale reading. Remove resistor and replace with a resistor having a value corresponding to the low range value. Adjust R14 for a zero reading. Repeat procedure as necessary since some interaction will occur between adjustments.

LED CALIBRATION

Attach upper range 1% precision resistor across shoe plates. Adjust R19 low setpoint LED potentiometer clockwise until clicking sound is heard. Turn R19 counter-clockwise 12 turns. Next, adjust R20 high setpoint LED potentiometer clockwise until a clicking sound is heard. Green LED should light. Adjust R20 counter-clockwise until red LED lights, then reverse it until green LED lights steadily without flickering. Replace upper range resistor across shoe plates with lower range resistor. Red LED should light. Adjust R19 counter-clockwise until green LED lights.

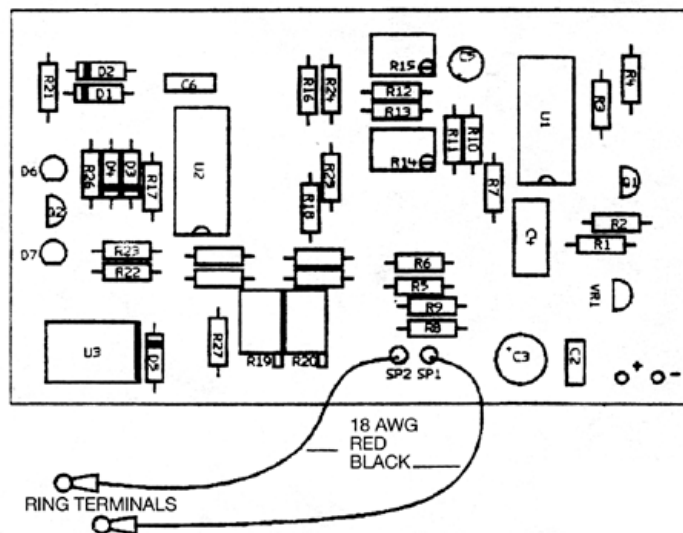


Fig. A

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