sisco

ELECTROSTATIC WRIST STRAP TESTER
INSTRUCTION MANUAL

Wrist Strap Test:

1. Insert a 9V battery into the battery compartment on the rear of the tester.
2. Insert the banana plug to connect the tester to the ground cord clip.
3. Wear the wrist strap, ensuring it is snug against the skin of your wrist.
4. Connect the ground cord to the wrist strap.
5. Press the test pad on the front of the unit (refer to Figure). The LED indicator will illuminate and an audible signal will sound.

(1) If the green "GOOD" LED illuminates, the grounding system is safe.

(2) If the red "LOW" LED illuminates, check the resistance between the wrist strap and the ground point. If it is less than 800 kΩ, this may pose electrical hazards to the user.

(3) If the red "HIGH" LED illuminates, first ensure the wrist strap is worn tightly on the wrist. Then check the resistance between the wrist strap and the ground point, and verify the ground cord is not broken.

FIGURE:

Ground Point for ES489 Tester

Wrist Strap Ground Point

Wrist Strap

Note:
Resistance accuracy tolerance:
Lower limit (800 kΩ): -0% to +10%
Upper limit (9 MΩ): -10% to +0%

Specifications

LIGHT	TESTED RESISTANCE RANGE
LOW	< 800 kΩ
GOOD	800 kΩ ⩽ R ⩽ 9 MΩ
HIGH	> 9 MΩ

DIMENSIONS	80mm (W) × 40mm (H) × 117mm (L) / 3.1" × 1.5" × 4.6"
POWER	9V battery
GROUND CORD	2m (78.7")

TIPS:
• If the audible signal becomes inaudible after approximately 50,000 operations while the green "GOOD" LED still lights, replace the battery.
• Design and specifications are subject to change without notice.