

STATICO

Model S2112 - Wrist Strap Tester Does not include a 9V Battery

Description

The S2112 is a precise device to perform on demand testing of all standard & conventional single conductor Wrist Grounding Straps for proper skin resistance, continuity, and the built-in safety resistor. Meets ANSI/ESD S20.20-2014.

Specifications

Lo Fail (Red)	<800K Ω
Pass (Green)	800K Ω to 10M Ω
Hi Fail (Yellow)	> 10M Ω
Accuracy	+/- 5%
Test Voltage	9VDC
Operating Voltage	\geq 6.5 Volts < 9 Volts
Low Battery set at	6.5 Volts (Red LED indicator)
Operating Temperature	10°C to 40°C
Storage Temperature	-15°C to + 60°C
Relative Humidity	0% to 90% (None-Condensing)
Net Weight	3.15 oz (90 g)
Dimensions (mm)	2-3/4" x 3.5" x 1-3/8" (70mm x 90mm x 28mm)



Components

The package of S2112 includes:

- 1 Each The Tester
- 1 Each Product Information
- 1 Each User Manual

Inspect the package upon receipt to make sure that all above are in the unit pack.

Functions

- S2112 Is designed to check the followings in a standard single conductor wrist grounding strap:
 - Existence of the molded 1 meg current limiting safety resistor at the snap end of cord.
 - Skin Contact
 - Continuity

Operation

- Unscrew the 2 screws on the back of the tester
- Separate the back plastic piece of the tester
- Properly connect a Fresh 9VDC Alkaline battery to the connectors in the battery compartment
- put back the plastic piece & fasten it by 2 screws
- To Test the battery, Press & Hold the “Push To Test “ button, if the Low Bat. LED did not turn ON, then, your battery is OK, otherwise change the battery
- Wear the wrist strap properly & ensure that the cuff is snugly worn & the inner layer of it is in full contact with the wrist skin
- Connect the Cord to the Band via snap end termination
- Plug in the banana end termination of the cord to the receptacle on the front panel of the tester
- Press & Hold the “Push To Test” Button
- A Good Wrist Strap Assembly, properly worn within resistance range of 750K (Lo Fail Limit) & 10 Megohm (High Fail Limit) will turn the GREEN LED ON, indicating the “Pass” status.