

STATICO

Product Information & User Manual for S2114 Wrist Strap Checker Does not include a 9V Battery

Description

The S2114 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. This product features 3 universal Receptacles/Contact Points for a wrist strap assembly: Banana Plug, Alligator Clip, & 3/8" Male (10mm) Stud. Meets ANSI/ESD S20.20-2014.



Specifications

Lo- Fail (Constant Red LED indicator)	<800K Ω
Pass (Green LED & Continues Audible indicator)	800K Ω to 10M Ω
Hi Fail (Constant Red LED Indicator)	> 10M Ω
Accuracy	+/- 5%
Test Voltage	9VDC
Operating Voltage	≥ 6.5 Volts < 9 Volts
Low Battery set at	6.5 Volts (Red LED indicator)
Operating Temperature	10 $^{\circ}$ C to 40 $^{\circ}$ C
Storage Temperature	-15 $^{\circ}$ C to + 60 $^{\circ}$ C
Relative Humidity	0% to 90% (None-Condensing)
Net Weight	2.95oz (83 g)
Dimensions	2-3/8"x3-3/4"x1" (60mm x 95mm x 252mm)

Components

The package of S2114 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

- S2114 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

- Slide off the lid for battery compartment on the back of tester
- Properly connect a Fresh 9VDC Alkaline battery to the connectors in the battery compartment
- Slide in the lid for the battery compartment on the back of the tester
- 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
- S1114 provides 3 Connecting Point to the Tester:
 1. Via Plugging-in the banana end termination of the cord to the receptacle on the top panel of the tester
 2. Via Alligator Clip to the post
 3. via 3/8” (10mm) male stud (for wrist straps with 3/8” (10mm) Female socket.
- Press & Hold the “Push To Test” Button
- A Good Wrist Strap Assembly, properly worn within resistance range of 900K (Lo Fail Limit) & 10 Megohm (High Fail Limit) will turn the GREEN LED ON, indicating the “Pass” status.