



Overview of Product:

ESD Wrist Straps are often the first line of defense in protecting static sensitive product from the damaging effect of an electrostatic discharge. Wrist straps need to be tested on an ongoing basis to avoid costly damage from said events. Many variables effect the frequency of this testing and it is generally decided and written into internal program guidelines. The SI-500 ESD Wrist Strap Tester strikes the perfect balance between cost, performance and longevity. This robust tester features an easy to comprehend Hi-Fail / Low-Fail / Pass set of LED readouts and a built in audio signal that quickly lets the technician know that their test is complete and their strap is in compliance.

Specifications:

Size	2.5 x 3.75 x 1 inch
Display	Hi-Fail / Low-Fail / LED and Audio
Power Supply	9 Volts battery (AC Isolated)
Low Battery indicator	Included, LED display
Typical Battery Life	3,500 test
Inputs	Single conductor female banana jack, alligator clip, ring terminal, 3/8 male snap
Low Alarm Resistance	<750 K Ohms (=/-) 5%
High Alarm Resistance	>10 M Ohms (=/-) 5%
Compliance Documentation	Included
Weight	< 16 ounces

Basic Instructions for Use:

DIRECTIONS FOR USE: Remove battery cover plate; install 9 volt battery (enclosed with each order). Attach esd wrist strap termination to one of three input ports. Place strap on wrist - ensure firm contact. Push test button. Review results.

Hi-Fail alarm (Yellow LED - No audible signal): Compromised strap to skin contact, dry skin, a faulty wrist strap cord or a compromised ESD wrist strap.

Lo-Fail Alarm (Red LED - No audible signal): 1 megohm safety resistor that is normally built into your wrist strap cord has lost resistivity and may present a safety hazard - especially when working with high voltage power sources. Replace wrist strap cord and retest.

Pass (Green LED - Audible GO Signal indicates test is complete.

Bat-Low (Red LED): Replace Battery.