

## SGT Pro grounding tester, LCD display, incl. double foot electrode



The SafeGuard SGT Pro is an easy-to-use test device for checking personal grounding before entering an ESD protected area (EPA). Its rugged design makes it suitable when speed and safety are important factors due to the large number of inputs. The tester is equipped with the LIGHT BAR system and has a metal touch probe. The results are indicated by LED lights and a signal tone. The test method can be adjusted according to the input specifications: Footwear only testing or combined footwear and wrist strap/ESD protective clothing testing. Thanks to the double foot electrode, the tester simultaneously measures the resistance of the right and left foot in relation to the hand. After the test, the results are displayed on the built-in LCD display. The tester can be connected to a gate via the relay output (e.g. turnstile entrance gate, swing gate, etc.). It can be mounted in an entrance area, on a table or on a wall. The tester is supplied with calibration certificate, double foot electrode, mounting plate and universal bracket.

- Test device for checking personal grounding before entering an ESD protected area

(EPA)

- Simultaneous testing of footwear and the ESD wrist strap/the ESD Protective Clothing
- For testing ESD compliant workwear
- Display of the test result on the LCD display
- Display with LED light and sound
- Selectable test modes: Testing of footwear only or combined testing of footwear and wrist strap/ESD protective clothing
- For indoor use only
- Meets the requirements of IEC 61340-5-1, ANSI/ESD S20.20
- Complies with Directive 2001/95/EC (General Product Safety)
- Default setting when measuring footwear: 100 K $\Omega$  - 100 M $\Omega$ .
- Standard setting when measuring wrist strap/ESD protective clothing: 750 K $\Omega$  - 35 M $\Omega$
- Test voltage : 100 V DC
- Connection wrist strap/ESD protective clothing: Combined 10 mm push button, 4 mm banana plug socket.
- Power supply : 12 V DC
- Relay outputs: 0.5 A/60 V
- Pass relay (open as standard) with green wire
- Fault relay (standard open) with red cable
- Meets the requirements of IEC 61340-5-1, ANSI/ESD S20.20
- Complies with Directive 2001/95/EC (General Product Safety)
- Dimensions: 215 x 195 x 55 mm (test instrument)
- Touch probe protrudes above
- Test device protrudes 14 cm backwards over the platform.
- Size of the platform itself: 500 x 490 x 20 mm.
- Angle of inclination of the stand: 5 degrees

item number	<b>WL74229</b>
model	SGT Pro
manufacturer	SAFEGUARD
manufacturer item number	SAFEGUARD-SGT-PRO
length	215 mm
width	195 mm
height	55 mm
scope of supply	<ul style="list-style-type: none"> <li>• Double-foot electrode with cable and relay connection</li> <li>• Universal mount / Universal mount with adjustable angle</li> <li>• Mounting plate</li> </ul>
order unit	1 piece
content unit	1 piece

Products for the electronic industry



colour	black, yellow
colour manufacturer	black, yellow
Colour	yellow, black
Connection 1	Push button: Ø 10mm
Connection 2	Banana plug socket
ESD safe	no