SGT Pro Plus grounding tester, LCD display, incl. operating software

The SafeGuard SGT Pro Plus is an easy-to-use test device for checking the 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. SafeGuard products from the COMFORT series have a metal touch button and an RFID reader. The required RFID card is used to directly retrieve the correct test mode. The following test modes are possible:

1. test of the footwear
2. test of the combination of wrist strap and ESD protective clothing
3. combined test of footwear and wrist strap/ESD protective clothing
4. VIP test

• Test device to check personal grounding prior to entering an ESD protected area (EPA).
• Simultaneous testing of footwear and ESD wrist strap/protective clothing
• For testing ESD compliant workwear

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- Display of the test result on the LCD display, with LED light and sound
- For indoor use only
- Default setting when testing footwear: 100 KΩ - 100 MΩ.
- Default setting when testing wrist strap/ESD protective clothing: 750 KΩ - 35 MΩ
- Operating system: Linux Raspbian
- The tester can be configured via a LAN network using an RJ45 cable
- Test voltage: 100 V DC
- Wrist strap/ESD protective clothing connection: 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: 300 x 195 x 55 mm (test instrument)
- Touch button protrudes above
- The tester 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	WL74230
model	SGT Pro Plus
manufacturer	SAFEGUARD
manufacturer item number	SAFEGUARD-SGT-PROPLUS
GPSR manufacturer information	Weidinger GmbH Hertha-Sponer-Str. 1a DE-82216 Gernlinden
length	300 mm
width	195 mm
height	55 mm
scope of supply	• Double-foot electrode with cable and relay connection • Universal mount / Universal mount with adjustable angle • Mounting plate
order unit	1 piece
content unit	1 piece
colour	black, yellow
colour manufacturer	black, yellow

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www.weidinger.eu
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Colour	yellow, black
Connection 1	Push button: Ø 10mm
Connection 2	Banana plug socket
ESD safe	no

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