Safeguard electric field meter in an ESD case



The SafeGuard electric field meter guarantees precise measurements for optimum protection against electrostatic discharge (ESD) thanks to its high-quality components and conductive plastic housing. At the upper end of the device there is a star-shaped influence electrode, with a modulation impeller of the same star shape rotating at a short distance in front of it. The induction electrode is enclosed by a ring electrode system which serves as mechanical protection for the modulation impeller and the field plate. The display on the front is a 2x 12-digit alphanumeric LCD display. The device is supplied in a high-quality, sturdy ESD case with a foam insert for easy storage and safe transportation.

• Type of measurement: Influence principle (field mill principle).
• Conversion of the measured field strength over the set measuring distance into the charge in volts
• "One-button" operation
• Very high zero point stability: Necessary adjustment before each measurement is not necessary (compared to other systems)
• Permanent battery voltage monitoring with automatic shutdown

• Two-line, 12-digit alphanumeric LCD display
• Adjustment accuracy: < 5%
• Output voltage (only with man. E-field measurement): ± 1V (Ri > 1kOhm)
• Operating mode: battery operation
• Operating time: approx. 10h with alkaline battery
• Measuring range: 0 to ± 200 kV (distance mode), 0 - 1 MV/m (field strength mode)
• Output: ± 1V (Ri > 1kOhm) proportional to the measured field strength (only in "E-Field Measurement" mode)
• Standard measuring distance: 2cm

Item no.	**WL73730**
Alternative article name	Safeguard SFM PRO ZBS
Manufacturer	SAFEGUARD
Manufacturer article no.	SFM PRO ZBS
GPSR manufacturer data	Weidinger GmbH Hertha-Sponer-Str. 1a DE-82216 Gernlinden
Scope of delivery	• Electric field meter (EFM) from SafeGuard • ESD case with foam insert • 2x 9V NiMH rechargeable batteries • Plug-in charger for 9V-battery • Coiled cable with tap terminal • Instruction manual • Calibration certificate
Sales unit	1 piece
Content unit	1 piece
Incl. battery	yes
Display type	digital
Measuring range	0 to ± 200 kV (distance mode), 0 - 1 MV/m (field strength mode)
ESD compliant	yes