

Safeguard Electric Field Meter Verification Kit incl. aluminum case



With the SafeGuard Verification Kit, the complete range of precise measurement systems is available. Using high-quality components and the conductive plastic housing, the electric field meter from SafeGuard guarantees precise measurements for maximum protection against electrostatic discharge (ESD). A star-shaped influence electrode is located at the top end of the device, and a modulation impeller of the same star shape, which is connected to ground, rotates at a short distance in front of it. The influence 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 panel is a 2x 12-digit alphanumeric LCD display.

The Charge Plate Set turns the electric field meter into a Charge Plate Monitor for monitoring air ionizers according to DIN EN 61340-5-1 or EOS/ESD S.3.1. The CPS measures the discharge time from +1.000V ... +100V or -1,000V ... -100V with an integrated start-stop timer. Charging is done via an external HV converter. The Volt Meter Set VMS expands the to a precise walking test kit, consisting of the voltage measuring head MK, a hand electrode and the matching accessories. The ESD Walking Test Kit is primarily used for measuring personal charges and testing to prevent electrostatic discharge and reduce damage to sensitive components.

The unit is supplied in a high-quality and sturdy ESD carrying case made of aluminum with foam insert for easy stowage and safe transport.

• Type of measurement: Influence principle (field mill principle).







Products for the electronic industry







- 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 \pm 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

Article no.	WL73731
Alternative article name	Safeguard SFM PRO VK
Manufacturer	KW-SG
Manufacturer article no.	SFM PRO AKC
GPSR manufacturer data	Weidinger GmbH Hertha-Sponer-Str. 1a DE-82216 Gernlinden
Scope of delivery	 Electric field meter (EFM) from SafeGuard Sturdy aluminum case with foam insert CPS set (plates, HV converter, stand) WT-Set (voltage measuring head, hand probe, cable) 2x 9V NiMH - rechargeable battery Plug-in charger for 9V battery Tapping clamp Spiral cable Instruction manual
Sales unit	1 piece
Content unit	1 piece
Display type	digital
Measuring range	0 to \pm 200 kV (distance mode), 0 - 1 MV/m (field strength mode)
ESD compliant	yes









