

Safeguard Charge Plate Monitor Upgrade Set CPS for SafeGuard electric field meter



The CPS charge plate set turns the into a charge plate monitor for monitoring air ionization units in accordance with DIN EN 61340-5-1 or EOS/ESD S.3.1. The capacitance of the charging electrode (20pF) complies with the above-mentioned standards, but not its dimensions (75mm x 150mm instead of 150mm x 150mm). Reproducible measurements can easily be made with the CPS, standard-compliant measurements are possible with the larger Charge Plate Monitor CPM. The device measures the discharge time from +1,000V ... +100V or -1,000V ... -100V with an integrated start-stop timer. Charging takes place via an external HV converter. Please note: In CPS mode, only voltages up to max. 2kV are displayed!

Attention: Electric field meter is not included.

Item no.	WL73726
Alternative article name	Safeguard CPS PRO
Manufacturer	SAFEGUARD
Manufacturer article no.	CPS PRO
GPSR manufacturer data	Weidinger GmbH Hertha-Sponer-Str. 1a DE-82216 Gernlinden
Length	150 mm
Width	125 mm
Height	75 mm
Scope of delivery	<ul style="list-style-type: none"> • HV converter: charging voltage $\pm > 1.100V$, dimensions approx. 86mm x 64mm x 26mm (LxWxH) • 9V NiMH battery • Plug-in charger EC109 • CPS socket: conductive foam / aluminum, grounding via 2x banana plugs, dimensions approx. 75mm x 150mm x 35 mm (LxWxH) • Plate capacitor: plate spacing approx. 10mm, capacitance 20pF $\pm 2pF$, dimensions approx. 75mm x 150mm (LxW) • Ground cable 1m and 1,5m • Tapping clamp • Carrying case • Instruction manual
Sales unit	1 piece
Content unit	1 piece
Incl. battery	yes
ESD compliant	yes