



Charge Plate Monitor Kit

CPM7100

Description

Hand-held electrostatic field meter and charge plate set for measuring air-ionizers efficiency, their off-set voltages and ESD tools/gloves. This product measures the electrostatic decay time from $\pm 1000V$ to $\pm 100V$. It measures the plate potential (75mm x 150mm) with the attached EFM51. Suitable for measurements inside machines. It can also measure fields, potentials and discharge time. Automatic field to voltage conversion (V/m \rightarrow V) according to the selected distance. Very stable zero adjust.

- 1 year limited warranty.
- Recommended calibration interval: 2 years.
- All testing items are CE approved.
- All test instruments are manufactured to the very highest quality allowing qualification to council directives 89/336/EEC.



ESD Field Meter
Supplied.

Product Code

CPM7100

Supplied with:
High-voltage generator,
carrying case and a field meter
(built-in timer for measuring
voltage decay times).

Specifications

Power Supply	9V rechargeable battery
Measuring Range	0-160 kV / 0-800 kV/m
Display	2 row LCD- display
Charge Coltage	$\pm .1200 V$
Dimensions	70 x 122 x 26mm (W x L x H)
Dim. Including Base	150 x 125 x 75mm (W x L x H)
Weight	130g (without battery)

Measuring Range (EFM/CPS Mode)

Distance	Range	Max. Resolution
1cm	0-8 kV	1 volt
2cm	0-16 kV	2 volts
5cm	0-40 kV	10 volts
10cm	0-80 kV	1 volt
20cm	0-160 kV	20 volts
E- Field Mode	0-800 kV/m	100 V/m
CPS Mode	± 1.000 to $\pm 100v$	0,1 sec.



Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. Charge Plate Monitor Kit, March 3rd 2020.