

Charge Plate Assembly CPM-720A

Data Sheet

Converts PFM-711A Field Meter to a portable, battery operated charged plate monitor (CPM)

The CPM-720A Charge Plate Assembly is a miniature isolated plate attachment for the PFM-711A Field Meter. It converts the PFM-711A Field Meter into a portable, battery operated charged plate monitor (CPM). This unique design allows precision balancing of ionizing blowers and other devices to less than ± 5 volts accuracy.

When used with auxiliary leads or wrist strap, the CPM-720A measures body voltage and equipment charge generation. Combining this unique assembly with the Prostat PCS-730 Charging Source, one can easily confirm ionizer performance, plot decay times, measure suppression, and perform a variety of other electrostatic evaluations and demonstrations.



Specifications for the CPM-720A Charge Plate Assembly

Tolerance	Matches the PFM-711A Field Meter within 5% when calibrated together
Capacitance	Plate Capacitance 10 picofarads (pF) ± 1 pF Note: Plate capacitance is 15.8 pF when mounted to PFM-711A Filed Meter
Range	0 to ± 5.5 kV $\pm 2\%$ at 23 °C, 30% Rh.
Grounding	Through conductive case and snap fastener of PFM-711A Field Meter.
Dimension (LxWxH)	3.25" x 3.25" x 0.9" (8.25 cm x 8.25 cm x 2.3cm)
Weight	8 oz (227g)