



CPM-760 6inch Charge Plate Assembly

The Prostat CPM-760A is a 20pF, 6-inch Charge Plate Monitor assembly intended for use with the Prostat PFM-711A Field Meter, PCS-730 Charging Source and PDT-740B Static Decay Timer. This handy accessory is designed to perform very accurate performance audits on overhead ionizers and room ionization systems. Used with extension wings, the CPM-760A is also used to evaluate and balance bench top ionizers.

The CPM-760A is completely collapsible for compact storage in the Prostat Professional ESD Auditing Kit Series. It may be used for evaluating voltage generation and static decay performance of personnel, footwear, flooring, chairs, carts and other equipment and materials.

Specifications

Isolated Plate:	Electro-plated Aluminum plate, 6.0" square
Ground Plate:	Plated aluminum sheet, 6.0" square
Plate Spacing:	Approximately 0.63" between Isolated and Ground plates. Plate spacers made from machined virgin, white Teflon® Rod
Support:	Stored disassembled, plated aluminum sheet and steel lower stabilizing block
Assembly:	Assembled with machine cap screws
Capacitance:	Parallel Plate Capacitance 20 picofarads (pF) ± 2 pF
Range:	0 to $\pm > 5$ kV at a plate separation of 0.63"
Accuracy:	$\pm 2\%$ 0 to 1,000 Volts

1 Prostat Corporation CPM-760 6inch Charge Plate Assembly



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The ESD & Cleanroom Specialist

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5 Minute Decay when charged to 1kV, floating plate voltage decays less than 5% (< 50 @ 50% Rh: volts) over a 5 minute period

Calibration:	Accomplished via adjustable instrument saddle and grounding device
Grounding:	Via snap fastener of Model PFM-711A and meter saddle assembly
Assembly Height:	6.0" High in Vertical Test Configuration 9.0" High in Horizontal Test Configuration; Center of Plate 6.0" from Worksurface
Weight:	2.5 lbs (1.13 kg)

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Specifications subject to change without notice.
Printed in U.S.A. REV2: 6/20/07

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