



Electrostatic Field Meter Set PFK-100

Data Sheet

Measure fields and voltage generation and balance ionizers

The PFK-100 set includes Prostat's unique PFM-711A dual range field meter, CPM-720A charged plate monitor assembly and PCS-730 charging source. With this instrument set you can measure electrostatic fields, analyze ionizer performance and assess the voltage generation of materials, equipment and personnel.

The battery operated PFM-711A Field Meter is a compact "electronic chopper" design with accuracy of $\pm 2\%$ at ambient conditions (23 °C and 30% Rh). It features automatic polarity, measurement "hold" button, low battery indicator, high and low ranges, distance ranging lights for accurate and repeatable measurements, manual zero control and a ground snap. With the supplied analog output cable, it can be used in conjunction with an X-Y plotter or any analog data-recording device.





Data Sheet (continued)

Specifications for the PCS-730 Charging Source

Input Power	9 Volts Alkaline Battery. Battery life in excess of 40 hours continuous operation
Output	$\pm 1,400 \pm 5\%$ volts DC Current limited to less than 1 Microamp.
Output Connector	Female banana jack provided with mating contact wand.
Grounding	10mm female snap fastener on rear of case. Note: Wand must be installed and unit grounded for proper operation
Dimension (LxWxH)	2.5" x 4.0" x 1.5" (6.3 cm x 10 cm x 3.8cm) 2.5" x 4.2" x 1.8" with input jack, switch and snap (6.3 cm x 10.7 cm x 46 cm)
Weight	6 oz with battery installed (170g)