



## FIELDLAB electrostatic fieldmeter

The 775 electrostatic meter detects and measures intensity and polarity of electrostatic fields.

Indispensable for checking packaging materials, circuit assemblies, ionized areas; this versatile meter offers:

- Digital display in KV from 0 to 20KV at 1"(25.4mm).
- Accuracy  $\pm 5\%$ .
- LED distancing feature for accuracy.
- Chopper stabilized circuit, for accurate reading in a ionized environment.
- Analog output for recorder.

**9265.501**  
**9265.503**

Electrostatic Field Meter mod. 775, 9V battery included  
Ionizer Verification System  
(instrument, charger, plate, cables and carrying case)



The 9265.503 is a Ionizer Verification System which includes a detachable isolated plate and a 1100V charger in addition to the fieldmeter.

Together, the three components can be used to verify ionizer operation and check ion balance and discharge time



## TREK156 CHARGED-PLATE MONITOR

The model 156 instrument tests the efficiency of an air ionizer's ion production by measuring how long it takes air ions produced to discharge a floating ion collecting plate that has been precharged to either a positive or negative charge level.

Mode selector switch for:  
Voltage Monitor output  
.3 1/2 digit LED display  
Test / Reset control  
Monitored Voltage Range:  
Plate self discharge:  
Power :

+Decay, -Decay, or Float Mode

0 to  $\pm 1100$ VDC or peak AC  
less than 12V/minute (unpolarized)  
Rechargeable Battery supplied  
**CHARGED-PLATE MONITOR**  
without plate and AC adapter  
AC adapter, 90-260Vac  
6"x6" plate

**9265.110**

**9265.115**  
**9265.120**



## TREK520 electrostatic voltmeter

A new type of handheld electrostatic voltmeters provides accurate, noncontacting measurements of electrostatic surface voltage for ESD applications in either ionized or non-ionized environments.

- No need to maintain fixed spacing.
- Inspect small spots for charge accumulation.
- Chopper stabilized circuit for accurate reading in ionized environments.
- 9V alkaline battery included (for 8 hours operating time)

**9265.099** TREK520-1 Electrostatic Voltmeter 0 to  $\pm 2$ kVDC  
Resolution 1V  
Accuracy better than 5% of full scale over a probe-to-surface distance of 5 to 25mm.

**9265.100** TREK520-2 Electrostatic Voltmeter 0 to  $\pm 2$ kVDC  
Model with Voltage Monitor Output (1/1000 Vmeas)

**9265.101** TREK523 Electrostatic Voltmeter 0 to  $\pm 20$ kVDC  
Resolution 10V  
Accuracy better than 5% of full scale over a probe-to-surface distance of 30 to 60mm.

