

## Features:

- Chopper-stabilized and drift-free even in ionized environments
- Pocket sized for easy access
- Dual-range meter for easy reading
- Extra-wide 0 to  $\pm 30$  kV range
- Recorder output and 40-hour battery life for unattended monitoring
- Great for checking ionizers - take quick measurements to determine the effectiveness of your ionization system, by adding our optional charged plate system, Model 265CPS.

## High performance at a modest price:

An affordable, versatile answer to your static detection and measurement needs.

Monroe Model 265A is the easy, convenient way to get reliable, accurate answers for a wide range of applications such as:

- **“Static-free” workstations** - to check operation of grounding and ionization systems
- **Converters, printers or coaters** - to locate sources of static buildup and check operation of ionization systems
- **Powder transfer operations, including bagging and dumping** - to ensure proper grounding
- **Dry particle transport systems** - to check for flawed grounding of pipes and ducts

The recorder output and long-life battery also give the Model 265A the ability to conduct dynamic surveys of suspected static trouble spots.

## Maintenance:

The 265A Stat-Arc II Electrostatic Fieldmeter requires little maintenance. Containing no user serviceable parts, only careful cleaning of the electrodes and replacement of the batteries is required.



## Simple to use:

Get accurate, repeatable static charge readings in just three simple steps:

1. **Discharge the instrument.**  
While holding the instrument, touch a grounded metal object. Or connect a grounded wire to the OUT/GND jack on the meter.
2. **Set the meter range.**  
Choose an appropriate distance and range multiplier from the chart on the back of the instrument
3. **Read the static charge voltage off the meter.**

To prolong battery life, turn the instrument off when not in use.

## Cleaning:

To obtain accurate, drift-free readings the sensor plate and especially the area around the aperture must be kept absolutely clean at all times. Be sure to always keep the instrument in its protective case when not actually taking measurements. **Never touch the aperture with anything-not even cotton swabs.** To remove dust or other particulate matter, use low-pressure instrument grade air. To remove severe contamination spray or flush with the smallest practical amounts of clean technical grade isopropyl alcohol. Stand the instrument on end and allow it to dry for several hours. DO NOT clean with any solvent on a regular basis.

## Stat-Arc II Electrostatic Fieldmeter model 265A

### Specifications:

<b>Range:</b>	±1 or 10 kV at 1inch, ±3 or 30 kV at 4 inches
<b>Static accuracy:</b>	Better than 10%
<b>Output voltage:</b>	Full scale meter reading = 1 volt
<b>Output impedance:</b>	10 k $\bar{W}$
<b>Operating temperature range:</b>	0° to +50°C
<b>Battery type:</b>	9 volt, Eveready #216 or equivalent NEDA #1604
<b>Battery life:</b>	40 hours
<b>Case size:</b>	4 x 2.6 x 1.3 inches (10.2 x 6.6 x 3.3 cm)
<b>Weight:</b>	6 oz (170 gm)

### Calibration:

Monroe Electronics instruments are factory-calibrated prior to shipment. Recalibration should be performed annually, or more frequently if specified by contract or company policy. Your instrument should also be recalibrated any time it has been repaired or tampered with. We are happy to recalibrate your instrument for you at a reasonable cost, or provide information and procedures on calibration upon request.

### Warranty:

Monroe Electronics, Inc., warrants that each instrument and sub-assembly manufactured by them shall be free from defects in material and workmanship for a period of two years after shipment from the factory. This warranty is applicable to the original purchaser only.

### The finest ESD instrumentation and support:

For more than 40 years - ever since we invented the feedback--nulled electrostatic voltmeter, Monroe has been the technology and quality leader in electrostatic detection and measurement instrumentation. Today we offer the world's most complete array of fieldmeters, voltmeters, and resistivity meters. Our customers include the leading makers of photocopiers and laser printers, converters and microelectronics worldwide.

We know you need quality support as well as quality products. We pride ourselves on providing our customers with the most knowledgeable applications and installation support — as well as superior customer service.

### How can we help?

Contact your Monroe Electronics representative for price and delivery information on this and other ME products, to schedule a no-obligation demonstration at your convenience. For the name of your nearest dealer, or for technical or applications assistance, contact Monroe Electronics directly at the address and numbers below.

Verkauf und technische Betreuung

**mem**

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