

Static Control Statiron DZ4 Handheld Field Meter



The **Statiron DZ4** Digital Handheld Static Field Meter provides a reliable, accurate, easy-to-use way to measure static charges up to +/- 20kV (kilovolts) on materials and surfaces.

Effectively verifying the presence or absence of static charges on materials and in your processes is essential to developing a 'good plan' to control static and the myriad issues it can cause.

Even low to moderate static charges can dramatically contribute to ESD (electrostatic discharge), putting sensitive electronics at serious risk during handling and assembly; or ESA (electrostatic attraction) of particles, debris or other materials, resulting in contaminated parts,

products and packaging.

Static charges on Paper or Film Webs, such as roll-to-roll winders or roll-to-sheet stackers; molded parts filling totes and bins; or anywhere statically charged parts gather, resulting in high levels of static charge, can shock operators, or attract or repel nearby materials causing material handling issues, costing you time and money.

The Statiron DZ4 is the perfect tool to measure levels of static, enabling you to diagnose the problem, identify and implement a solution, then verify short and long-term efficacy!

Meter, Case, Strap, Battery and Ground Wire included



Statiron DZ4

FEATURES & BENEFITS

- Just point at the target from 1" away and read the Bright Digital LED Display for accurate static readings up to +/-20kV
- Head swivels for optimal aim and visibility of the LED display when taking readings
- HOLD Button freezes the static reading
- 0ADJ Button zeroes the meter for accuracy
- MODE Button selects MAX Static Reading, MAX Ion Balance or Floating Ion Balance
 - NOTE; Use optional ODZ4-PLT Plate when taking I.B. (ion balance) readings
- Optional ODZ4-HPLT plate available to measure HBM – Human Body Model Charges on personnel
- Battery Meter displays remaining battery power



Specifications	
Dimensions	68mm (2.7) x 138mm (5.4) x 22mm (0.87)
Weight	230g (0.5 lbs.) including 9V Battery
Signal Detection	Oscillating Chopper Method; Swivel Sensor Head
Display Refresh Frequency	0.5 seconds
Measuring Distance	30mm (1.2") from sensor to target
Environment	0~40°C (32~104°F); 20~70%RH non-condensing
Power	9V Alkaline Battery (approx 10 hours continuous)
Range	Normal: 0.00~ +/-19.99kV (0.01kV resolution) I.B: 0.000~ +/-1.999kV (0.001kV resolution)