

# STATIC CHARGE METER (DIGITAL) Z205



The **Static Charge Meter Z205** is a non-contact, light weight **digital** instrument designed to measure static voltages on objects & surfaces. It features a large LCD display to indicate the magnitude and polarity of the electrostatic charge directly in Kilovolts.

The special circuitry enables repeated and drift-free measurements without continual re-zeroing. The instrument has good directional sensitivity and is ideal for measuring electric charges encountered in critical electronic assembly and storage areas as well as Antistatic Work Stations. It can also be used for Plastics, Paper, Textiles, Food, Explosives and Pharmaceutical Industries.

The unit gives direct readings of electrostatic potentials on any surface, when held at a distance of 5 cms. However, higher electrostatic potentials can be measured by proportionately increasing the distance from the meter to the charged object.

The use of very low current circuitry results in a long battery life of over 6 months under normal use.

## **SPECIFICATIONS**

Indicating range	: $\pm 10$ KV at 5 cms from object. <b>(20KV on request)</b>
Display	: 3 1/2 digit LCD with polarity indication
Resolution	: LSB 10V
Accuracy	: $\pm 10\%$ of Reading
Test Actuation	: Push On push Off switch
Power Supply	: 9 V battery.
Low battery	: Warning at 7.0 V on display
Dimensions in mm	: 125 x 75 x 29
Weight	: 200 gms.
Calibration	: Recommended once every 12 months.
Traceability	: To national standards
Warranty	: One year.
Accessories	: Carrying case