

Static Charge Meter

Model: 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 a long battery life of over 6 months under normal use.



Specifications

- Range : ± 10 KV at 5 cms from object.
- 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 : 125 x 75 x 29mm
- Weight : 200 gms.
- Traceability : To national standards

Scope of Supply

- Static Charge Meter
- Instruction Manual
- Carrying Case

Human Body Voltage Checker

Model: Z2055 & Z2055A

This instrument is designed to measure the Static Voltages carried on a human body. It is a good auditing tool to verify whether Personnel entering an ESD safe area are carrying any hazardous charges on themselves. It can also serve to verify whether all the ESD protection measures which have been taken to make a particular area ESD safe are effective. By such measures we mean conductive flooring, antistatic table mats, wrist straps, static shielding bags, ionizing equipment, conductive containers and bins etc.

It is very simple to use and only requires the personnel under test to touch the Button on the instrument and directly read the charge level in volts on the meter.

The Z2055A version gives a hazard warning tone if Voltage measured exceeds 100V



Specifications

- Indicating range : 0 to ± 2000 V
- Warning (in Z2055A) : Audio alarm if voltage exceeds 100V
- Test Actuation : On/Off push button switch
- Display : 3.5 digit LCD display with polarity indication
- Accuracy : $\pm 15\%$
- Test Surface : Nickel plated button
- Power Supply : 9 V battery
- Low battery : Warning at < 7.5 V on Display
- Dimensions : 125 x 75 x 29 mm
- Weight : 200 gms
- Traceability : To national standards
- Construction : ABS plastic cabinet

Scope of Supply (Model Z2055)

- Z2055 Voltage Checker
- Grounding Cord
- Carrying Case

Scope of Supply (Model Z2055A)

- Z2055A Voltage Checker (with alarm)
- Grounding Cord
- Carrying Case

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