

# Wolfson Electrostatics

*for technology in electrostatic hazard control*



*The Model ED10 Electrostatic Diagnostic Kit contains a range of specialist measurement equipment and guidelines.*

For industrial situations and areas where sensitive flammable atmospheres may be present due to flammable gases, vapours and fine dust clouds, it is necessary to adopt the correct antistatic precautions. In such situations it is important to quantify the electrical properties of materials and the levels of electrostatic activity present.

Standards BS5958, PD CLC/TR 50404 and other codes of practice present guidelines for the control of undesirable static electricity.

In the electronics industry, the fact that static electricity can easily damage sensitive devices and circuits is now well established. Static electricity is generated when non-conducting surfaces are separated and assembly workers can generate thousands of volts during routine handling. Assembly of sensitive devices should only be undertaken at static-free work stations and such stations must have conductive work surfaces, floor coverings and seat coverings, etc. Standards now exist for the resistance values of materials suitable for use in static free work stations and also for packaging materials.

The ED10 contains all the instruments necessary to conduct a basic evaluation of electrostatic hazards within an industrial environment.

The kit includes a detailed document which carefully explains how to operate the equipment, method of measurement and most importantly how to analyse and interpret the readings. All of the equipment and components incorporated in the kit are manufactured to a high standard.

The Electrostatic Diagnostic Kit is housed in a rugged aluminium case and contains the following items of specialist equipment:

- Hand-held analogue/digital high-resistance meter
- 2kg test probe for work surfaces and floors with removable conductive rubber contact pad
- Electrostatic field meter
- Electrical capacitance meter
- Relative humidity & temperature monitor
- Earth plug with grounding connections
- Flameproof torch/flashlight
- Silver conductive paint & brush
- Assorted test leads & connectors
- Full documentation



*The ED10 Kit enables essential electrostatic parameters to be quantified*

For further details on instrumentation and all aspects of electrostatics from Wolfson please contact:

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