



ID-909

Powder Resistivity Meter

The IDB Model 909 is a next generation Powder Resistivity Meter designed to provide accurate and reproducible measurements of Powder resistivity and related electrical measurements essential for a successful electrostatic powder coating process

SPECIFICATIONS & FEATURES

Input Power Options:

- 220-240V 50Hz AC
- 100-115V 60Hz AC

Resistivity:

Measurements in the range 10^8 to $10^{16} \Omega m$

- 8 Ranges 10^8 to $10^{10} \Omega m$ FSD at 10V applied voltage.
- 10^{11} to $10^{15} \Omega m$ FSD at 4 - 10kV applied voltage
- Volume of sample cell 28ml

Charge (Optional):

- Measurements in the range 10^{-6} to 10^{-8} Coulombs
- 3-off ranges 10^{-7} to 10^{-9} FSD bipolar

Voltage (Optional):

- 0-100KV at 1uA

LCD Display:

- Resolution 320 x 240
- Visible area 7.30cm x 5.5cm

Dimensions

- 19" rack mounted or free-standing.
- 494 x 318 x 165

Self-Test & Maintenance:

- Tailored to application please contact
- sales@idbsystems.co.uk for further details.

Building on the success of the ID-465, the Model 909 Powder Resistivity Meter is provided with a special improved test cell and digital interface to enable accurate and reproducible measurements of powder resistivity.

This is important because powder resistivity is a parameter particularly relevant to successful operation of electrostatic powder coating plant. Resistivity measurements are displayed directly in ohm-metres with either a fixed low voltage of 10V or a variable high voltage of 4 - 10kV to suit particular sample properties.

The reading displayed is automatically compensated in relation to the voltage applied.

The latest design of the sample cell holder has a powder capacity of only 28ml and is fully demountable for easy cleaning.

The Resistivity Meter also enables measurements to be made of voltages and quantities of charge by use of the optional high voltage probe and screened Faraday pail.

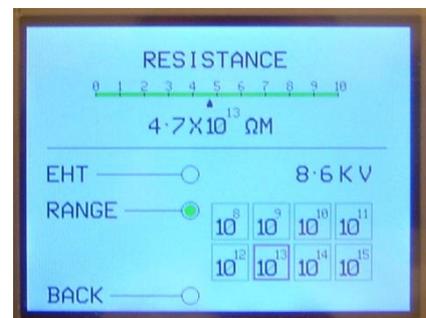
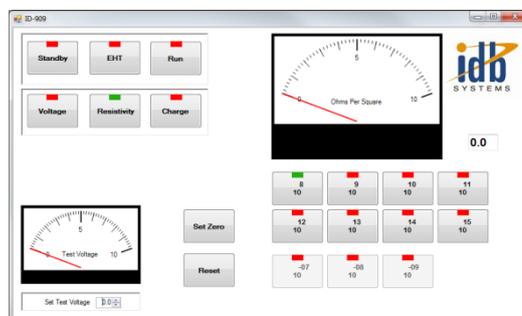


Image is for illustrative purposes only. Please refer to product description



The ID-909 can be connected to a Computer for storing results or controlling the instrument. For further details of the Graphical User Interface and software drivers available for the ID-909, please contact sales@idbsystems.co.uk

Our engineering consultants would be pleased to discuss your requirements with you, and we invite you to contact our team at sales@idbsystems.co.uk, or you can call us on +44(0)1248 382749.