



*The IDB Model ID-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.*

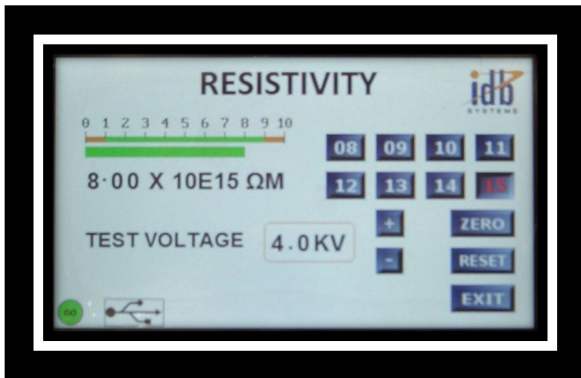
## ID-909 Powder Resistivity Meter

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 any electrostatic powder coating process. 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



The Resistivity Meter also enables measurements to be made of charge by use of an optional screened Faraday pail and charge probe.

The ID-909 can be connected to a Computer for storing results.

Our engineering consultants would be pleased to discuss your requirements with you, and we invite you to contact our team at [info@idbsystems.co.uk](mailto:info@idbsystems.co.uk), alternatively you can call us on +44 (0) 1492 864 126.

### SPECIFICATIONS & FEATURES

**Input Power Options:** 100V - 240V AC  
50Hz - 60Hz

**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

**TFT Display:** Touchscreen  
Resolution 480 x 272  
Visible area 9.80cm x 5.7cm

**Dimensions** 19" rack mounted or free-standing.  
530 x 322 x 160 mm

**Self-Test & Maintenance:** Tailored to application.

Please email [support@idbsystems.co.uk](mailto:support@idbsystems.co.uk) for further details.

