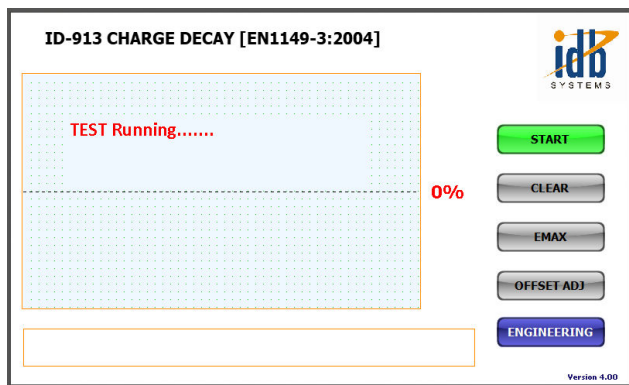
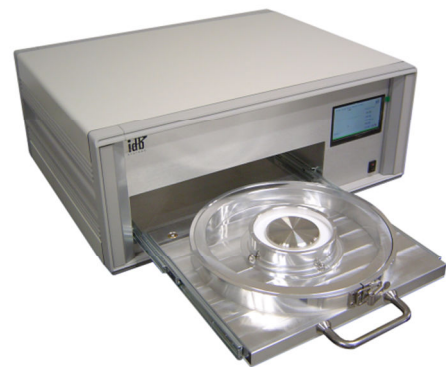


ID-913 Electrostatic Charge Decay Meter

Building on the success of the popular ID-489 and the ID-917 Charge Decay Meters, the ID-913 is a next generation microprocessor based instrument which has been developed to evaluate the antistatic properties of materials used in the fabrication of protective clothing.

The instrument has been designed to test in general accordance with the test method 2 described in the EN1149-3:2004 specification



The material to be tested should be loaded onto the test drawer and is held in place by a clamping ring. A charge is applied to the electrode located beneath the test sample by momentarily connecting the electrode to a regulated voltage supply.

A sensing plate then monitors the field strength while the charge leaks away along the surface of the material under test.

The unit's in-built timer displays the passing time and when the test is completed, a graphical representation of the charge decay is displayed. The instrument displays the voltage of the surface electrode as a percentage of the initial value.

The decay time (t_{50}), shielding factor and E_r are recorded on the TFT display and transmitted to a connected PC running the ID923 Controller software.

SPECIFICATIONS & FEATURES

Input Power Options:	100V - 240V AC 50Hz – 60Hz
Field-electrode:	Polished stainless steel 70mm diameter surrounded by an earthed guard ring
Applied Test Voltage:	1200V Rise time ≤ 30 μ S
Support Ring:	Internal diameter 100mm
TFT Touch Screen Display:	Resolution 480 x 272
Dimensions (Drawer inserted):	W530 x L422 x H225mm
Dimensions (Drawer extended):	W530 x L732 x H225mm
Self-Test & Maintenance:	Tailored to application.

Please email support@idbsystems.co.uk for further details.

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, alternatively you can call us on +44 (0) 1492 864 126.