



Kinetic Polymers

(AN ISO 9001 - 2008 Certified Company)

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Technical Specifications of Intrinsically Safe Static Charge Meter (Analogue)

Certified for use in hazardous areas, the EX-715 Static Meter has been developed to investigate industrial static electricity problems.

The EX-715 measures static electricity levels from 10 V up to 200,000 V on the surface of a material or body at 100 mm distance. With a 'hold' facility to freeze the reading on the display, the Meter has two automatically selected ranges:

- 0 – 20 kV in 10 V increments
- 20 – 200 kV in 100 V increments

The EX-715 shows where and how the static electricity is generated, its magnitude and its polarity. This gives the engineer a scientific basis for analysis of the static problem, monitoring the efficiency of remedial actions and setting levels for acceptable standards.

For more information on ATEX and IECEx certification, download the EX-715 Datasheet.

Construction : Anodised aluminium case with recessed stainless steel sensing plate for maximum integrity and accuracy.

Dimensions : 124 x 64 x 24 mm (H x W x D).

Weight : 180 g.

Range / Resolution : 0 V - 20 kV / 10 V increments and 20 kV - 200 kV / 100 V increments.
Automatic range selection. Measurement at 100 mm.

Drift : <0.1 % in 10 secs.

Calibration : On a 150 mm x 150 mm charge plate. Can be calibrated on other charge plate sizes to meet country standards e.g. 450 mm x 450 mm for China.

Operation : Click button to zero. Click button again to 'hold' the reading. Third press reactivates reading. Automatic switch-off after 60 seconds. Low volt indicator shows condition of battery.

Equipment : EX static meters are supplied with carrying case, battery, earth lead and certificate of calibration.

Environmental : 70 % rH non-condensing max.

Certification : In addition to ATEX and IECEx, EN-500081-1 (EMC) and BS7506-2 (Construction).

Measurement of Static Electricity

Measuring static electricity is important. It allows you to see if there is a static charge present, its size and where it is being generated. Static electricity is...



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