



Kinetic Polymers

(AN ISO 9001 - 2015 Certified Company)

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GSTIN : 36AARFK9187B1ZU | MSME No. TS20A0004409 | UDYAM-TS-02-0024846



Technical Specifications of Intrinsically Safe Static Charge Meter

The EX715 Static Meter has been developed to investigate industrial static electricity problems and has been certified for use in hazardous areas.

The EX715 meter can show where and how the static is generated. It's magnitude and it's polarity. This gives the engineer a scientific basis for analysis.

PERFORMANCE:

- The EX-715 measures static electricity on the surface of a material or body at a distance of 100 mm.
- The meter can show where and how the static is generated, its magnitude and its polarity.
- It can measure static electricity levels from 10 V up to 200,000 V.



ESSENTIAL QUALITIES:

- The EX-715 is ATEX and IECEx certified for use in hazardous areas.
- Two ranges which are selected automatically:
 - 0 - 20 kV with a resolution of 10 V.
 - 20 - 200 kV with a resolution of 100 V.
- There is a hold facility to freeze the reading on the display.
- Comes complete with carrying case, battery and earth cord.

APPLICATION:

- Static electricity is a difficult area to investigate without a method of measurement.
- The EX-715 is an important quality and safety tool for hazardous areas. It enables the engineer to investigate static problems, monitor the effectiveness of solutions and set standards for acceptable levels - whether in the process or on the product.

SPECIFICATION:

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



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- **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:** Supplied with carrying case, battery, earth lead and certificate of calibration.
- **Environnemental:** 70 % rH non-condensing max.

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

ATEX AND IECEX CERTIFICATION

ATEX is the European certification. IECEx is the unified international certification.

II 2G

Ex iA IIB T4/T5 (see schedule)

Baseefa07ATEX0159 / IECEx BAS07.004

See Operating Instructions for details of bar operational matters.



Recessed sensing head shielded from non-target electrical fields.



Earth bonding connection. A 3 mm curly earth cord with a crocodile clip / 4 mm bayonet connector is supplied.