EX-715 STATIC METER

The EX-715 Static Meter has been developed to investigate industrial static electricity problems and has been certified for use in hazardous areas.

The EX-715 meter can show where and how the static is generated, its magnitude and its 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. See page 2 for details.
- 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.

APPLICATIONS

- 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.

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.

Environmental:
70 % rH non-condensing max.

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

FRASER Anti-Static Techniques

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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 BAS07.0042

See Operating Instructions for details of batteries and other operational matters.

DIMENSIONS AND CONSTRUCTION

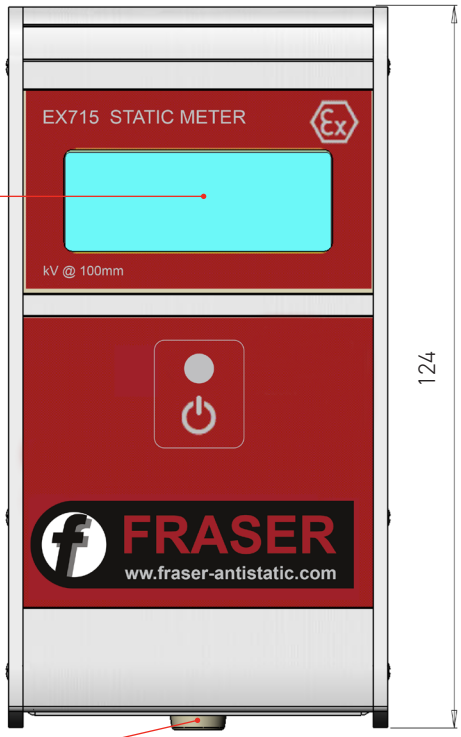
Dimensions: 124 mm x 24 mm x 64 mm.

Weight: 180 g.

Recessed sensing head shielded from non-target electrical fields.



Clear 3½ digit LCD Display.



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

Battery cover, secured by a screw at both sides.

