

## EX715 STATIC 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, its magnitude and its polarity. This gives the engineer a scientific basis for analysis.

- > The EX715 is certified for use in hazardous area Zones 1 and 2. See page 2 for details of ATEX and IECEx certification.
- > The EX715 measures static electricity on the surface of a material, at a distance of 100mm.
- > The EX715 monitors the effectiveness of the action taken to solve the problem. If the solution involves static control equipment, the EX715 shows its most effective position.
- > Hold facility to freeze the reading on the LCD.



### Applications

Static electricity is a potential problem in many industrial areas. It slows production, reduces product quality, attracts contaminants and gives shocks to operators. It is a well-known phenomenon throughout the plastics, packaging, electronics, paper, medical, pharmaceutical and textile industries - in fact in every area that processes or handles non-conductive materials.

In industries which use solvents, explosives or other materials with a low minimum ignition energy level, static can create the additional hazard of fire and explosion risks.

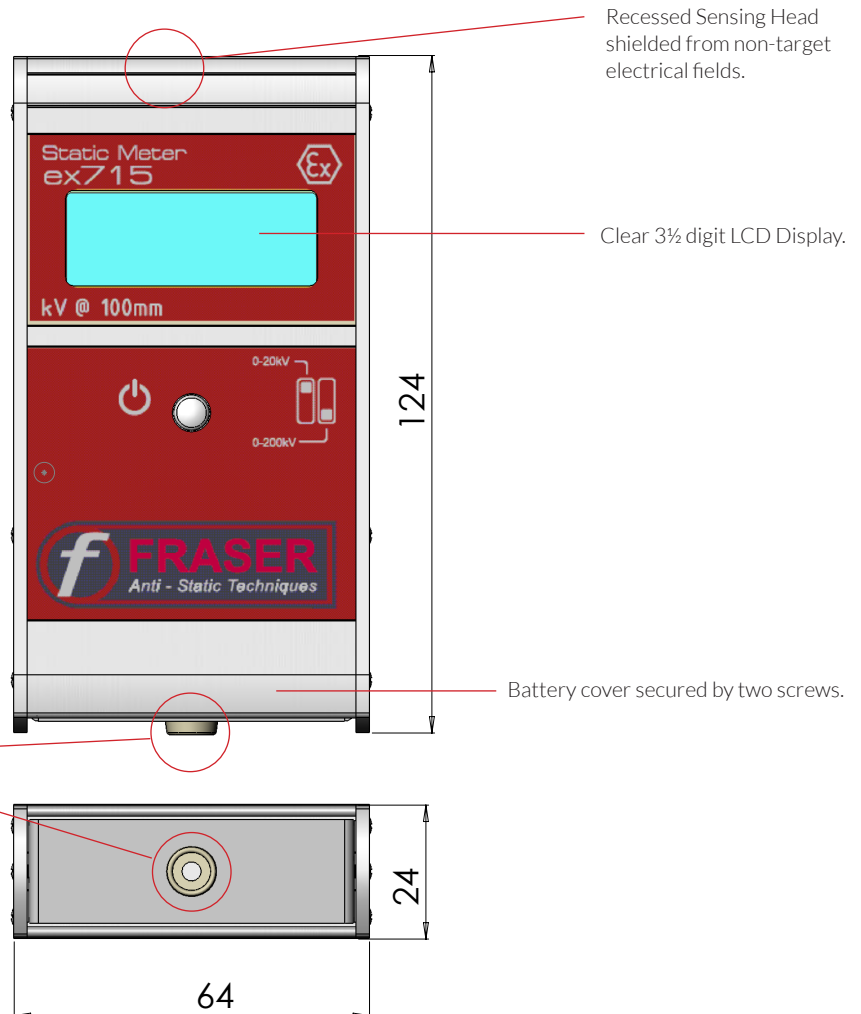
The EX715 enables the engineer to investigate these risks with safety and integrity.

## Specification

<b>Range/Resolution:</b>	0-200kV / 100V and 0-20kV / 10V. Automatic range selection.
<b>Drift:</b>	<0.1% in 10secs.
<b>Standard:</b>	In addition to ATEX and IECEx, EN-500081-1 (EMC) and BS7506-2 (Construction).
<b>Calibration:</b>	On a 150mm x 150mm charge plate.
<b>Size, Weight:</b>	124mm x 24mm x 64mm. 180g.
<b>Construction:</b>	Anodised aluminium case with recessed stainless steel sensing plate for maximum integrity and accuracy.
<b>Operation:</b>	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.
<b>Equipment:</b>	Supplied with carrying case, battery, earth lead and certificate of calibration.
<b>Humidity:</b>	<70 % rH non-condensing.

## ATEX and IECEx Certification

ATEX is the European certification.  
IECEx is the unified international certification.  
II 2 G  
Ex ia IIB T4/T5 (see schedule)  
Baseefa07ATEX0159  
IECEx BAS07.0042  
See Operating Instructions for details of batteries and other operational matters.



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