

Electrostatic fieldmeter

IONmeter EST101



Cardboard
Film
Textile
Paper
Non-Woven
Plastics
Laminates

Electrostatic fieldmeter

System description

Our electrostatic meter, IONmeter EST101, reads static electricity without contact. It measures voltage on surfaces and can be used to calculate charge density on insulators. It has a hold facility and very high resolution of 100 volt on a 50 Kilovolt range.

The IONmeter EST101 has high sensitivity (resolution) and can detect even a 100 volt charge anywhere within its full range of +49,999 to -49,999 volts. It is easy to measure whether a given process is increasing or decreasing the static electricity present even if the increase or decrease is by a tiny fraction.

Exia II CT6 

No. CJEx08.147

TECHNICAL DATA:

Range at 100mm: 0 to +/- 50 kV (50000 Volts)

Resolution at 100mm: 0.1 kV (100 Volt)

Accuracy: +/- 10% of reading

Capacitance (to ground) of Sensor: 3 nF

Drift: < 0.001 kV/ 10 seconds

Leakage Half Life: > 10 hours

Environmental: -1 C to 43 C (30°F to 110°F) 0-85% RH

Size: 4.6 X 3 X 1.3 inches (120 X 70 X 35 mm)

Weight: 160 g (5.5 oz)

Battery: 9 Volt Alkaline (~30 hour life)

We **optimise** the
Process *4YOU*