

Tester

Static Electricity Measuring Instrument

In order to effectively eliminate the static electricity that causes problems, obstacles and disasters in manufacturing processes, the operator has to ascertain where the static electricity is being generated and the amount of the charge. Measurement of the surface potential of the charged object is fundamental to determining these parameters. An electrometer is a device that measures the amount of electric charge on a charged object. We provide a wide range to enable selection of the most appropriate model with respect to measuring range and accuracy requirements.

Static Field Meter STATIRON DZ4



STATIRON



Application Example

- Check the charge condition of film, resin, etc.
- ESD check at the assembling process line
- Check the ion balance of the ionizer



Angle of the rotary sensor head 180 degree (hold each 45 degree)

Ground cable



Strap



Soft storage case (standard accessory)

DZ4



Unit Electrostatic Measurement Plate (optional)
Model: ODZ4-HPLT
Can measure static electricity in human bodies



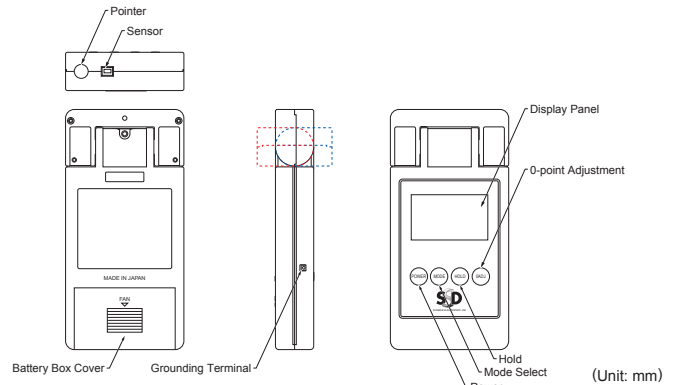
DZ4 plate (optional)
(Model name: ODZ4-PLT) for ion balance measurement

Main Features

New SSD field meter STATIRON DZ4 updated as easy operation with more reasonable pricing.

- With Functional rotary sensor head, you can measure flexible angle
- Visible Bright LED indication
- Easy operation with simple button
- Mode Indication
- With optional balance plate and check the ion balance of ionizer
- Easy to hold the peak level for varying voltage with (MAX) mode
- Error indication for the damaged sensor

Dimensional Diagrams



Model	DZ4
Signal detection method	Oscillating chopper *1
Frequency of data indication	Each 0.5 second
Measurement range	Normal mode: 0.01 to 19.99kV I.B mode: 0.001 to 1.999kV
Measurement distance	30mm (between measurement object and sensor)
Measurement distance adjust	Red Light focusing system
Angle of the rotary sensor head	180 degree (hold each 45 degree)
Indicator	LED indicator with back light
Polarity display	Both positive and negative polarity
Mode select	With MODE select button
Battery check	Indicate in LED indicator
Power supply	DC 9V alkaline battery 006P
Operating Environment	0 to 40°C
Main unit dimensions	66×22×138mm (W×D×H)
Weight	230g
Accessories	9V battery, soft storage case, Grounding Cable, Strap

*1. The oscillating chopper is very susceptible to shock such as being dropped. Take care not to subject when using it.

Precision Electrostatic Potential Measuring Instrument

STATIRON DS3H



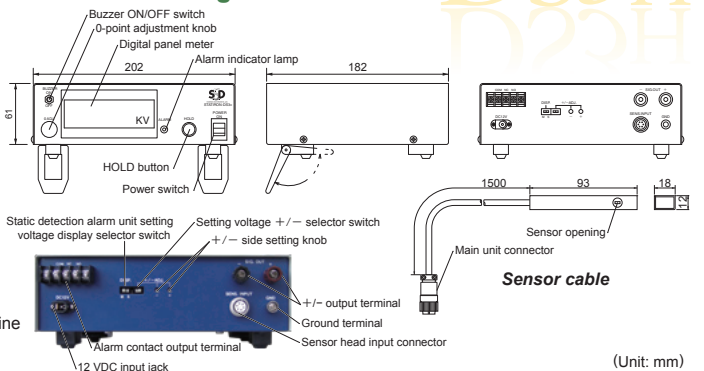
Dedicated hard case (standard accessory)



Application Example

- Product control by measuring the charge conditions at each stage of the production line
- Checking of static electricity in the vicinity of a computer
- Checking of the operation of ionizers

Dimensional Diagrams



DS3H

(Unit: mm)