

STATICO

Global Supplier of Static Control & Cleanroom Products

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Product Specifications

S2001

Electrostatic Fieldmeter

Description

The S2001 is designed to locate and measure static charge potentials on product, people, equipment and packaging. The instrument uses a non-contacting, chopper stabilized field sensor and a ranging light mechanism to ensure correct measurements of electrostatic fields in all areas- even those using air ionization. The Fieldmeter is easily zeroed with the turn of a small knob and does not require re-zeroing between measurements. Powered by a 9Volt battery, the S2001 features a conductive, impact-resistant case and a convenient snap-on ground lead to facilitate grounding and increase accuracy.

Specifications

Input	9 VDC alkaline battery (included). Battery life in excess of 40 hours.
Display	3 ½ digits, 0.4" (1 cm) digit height.
Output	Analog output through miniature jack, 1 V corresponds to 10 KV.
Response	5 Hz at analog output, digital display updates 3 times per second.
Features	HOLD and low BATTERY indicators, automatic polarity.
Controls	ON/OFF side switch, SAMPLE/HOLD pushbutton, ZERO control.
Range	+/-0.00 to 19.99 KV @ 1" (2.5 cm), higher voltages may be measured at distances greater than 1".
Accuracy	+/-5%, chopper stabilized (accuracy unaffected by air ionization); least significant digit of display indicates tens of volts
Environment	Operates at 0-40°C
Ground	Ground through conductive case; snap fastened ground cord provided.
Dimension	4.2"LX2.4"WX0.90"D (10.7X6.1X2.3 cm).
Weight	5 oz with battery (141.8 g).
Warranty	1-Year limited warranty
Certification	CE