

Product Data Sheet

Electrostatic Fieldmeter

Model : 4014-0003

Pro-Pack Materials Pte Ltd

Blk 970, #04-18,
Toa Payoh North,
Toa Payoh Industrial Estate
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Pro-Pack Materials (Wuxi) Co., Ltd



Features :

- Digital display
- Easy to read
- Distance ranging lights
- Ensures accurate distancing and measurements
- Chopper-stabilized circuit
- Operates in ionized environments
- SAMPLE and HOLD functions
- Useful in hard-to-reach places
- Battery powered, pocket-sized meter
- Portable, for use in facility static audits
- Analog output
- Signals to a chart recorder or other device for hard copy documentation of static charge levels

The meter 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 meter features a conductive, impact-resistant case and a convenient snap-on ground lead to facilitate grounding and increase accuracy. NIST Certified.

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Specification

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 push button, 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 degree

Ground : Ground through conductive case; snap fastened ground cord provided.

Dimension : 4.2"L X 2.4" W X 0.90"D (10.7X6.1X2.3 cm).

Weight : 5 oz with battery (141.8 g).

Warranty : 1-Year limited warranty

Certification : CE