

ELECTRIC FIELD PROBES HI-4433-GRE Electric Field Probe

ETS-Lindgren's HI-4433-GRE Electric Field Probe has a Frequency Response of 500 kHz to 5 GHz, +2.0/-3.0 dB.



ETS-Lindgren's Model HI-4433-GRE Electric Field Probe measures electric field strength and provides X, Y and Z as well as total field values. Data from each axis can be viewed individually or summed. The field probe is fiber optically coupled to the readout or PC interface, eliminating the possibility of cable interference. For additional frequencies and data ranges, ETS-Lindgren's HI-4433 Series of RF field probes are battery-operated and designed for use in making RF exposure measurements.

Key Features

- Isotropic Electric Field Sensing: 500 kHz to 5 GHz
- Automatic Continuous Zeroing
- Fiber Optic Technology
- Data from Each Axis Can be Viewed Individually or Summed
- For use with HI-4416 Readout, HI-4413P Fiber to RS232 Converter or HI-4413USB Fiber to USB Converter
- ProbeView™ LT Software Available for Free Download

Specifications

Electrical Specifications

Frequency Response: 500 kHz to 5 GHz, +2.0/-3.0 dB

Dynamic Range: 3 to 300 V/m

Battery: 20 Hours Continuous Operations, 3.6 Vdc, 1400 mA-Hour Rechargeable NiCAD

Isotropic Deviation: +/- 0.5 dB

Data Sample Rate: 1 to 24 Samples per Second

Detection: Isotropic Electric Field

Linearity: +/- 0.5 dB Full Scale

Response Time (Minimum): 86 msec

Fiber Optic Connectors: Standard FSMA

Physical Specifications

Operating Temperature: 10° to 40° C (50° to 104° F)

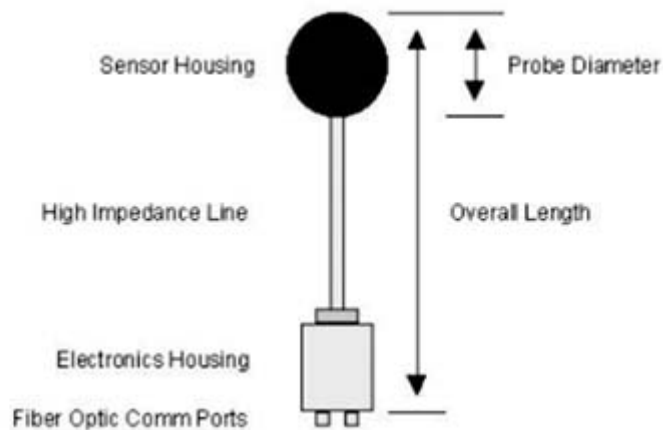
Humidity: 5 to 95% Relative Humidity Non-condensing

Other Specifications

- Probe and Electronics Housing
- Fast Battery Charger
- Dielectric Handle
- 2 Meter Fiber Cable
- Calibration Certificate
- User Manual

Product Charts

**HI-4433 GRE
Electric Field Probe
Side View**



**HI-4433 GRE
Electric Field Probe
Bottom View
(Electronics Housing)**

