

## Performance Data Sheet

Please contact ETS-Lindgren Technical Sales Representatives or our Calibration Service Department for further information.



### HI-4433 Magnetic Field Probes

#### HI-4433-HCH

Detection	Isotropic
Frequency Range	<b>5MHz – 300MHz</b>
Dynamic Range	30 mA/m – 3 A/m
Data Sample Rate	1 to 24 Samples per Second
Response Time	86 msec (min)
Calibration Accuracy at Cal Points	± 0.5 dB Absolute Accuracy to NIST ± 1.0 dB
Linearity	± 0.5 dB
Isotropic Deviation	± 0.5 dB
Length	559 mm (22.0 in)
Probe Diameter	102 mm (4.0 in)

#### HI-4433-LFH

Detection	Isotropic
Frequency Range	<b>300kHz – 30MHz</b>
Dynamic Range	300 mA/m – 30 A/m
Data Sample Rate	1 to 24 Samples per Second
Response Time	86 msec (min)
Calibration Accuracy at Cal Points	± 0.5 dB Absolute Accuracy to NIST ± 1.0 dB
Linearity	± 0.5 dB
Isotropic Deviation	± 0.5 dB
Length	559 mm (22.0 in)
Probe Diameter	102 mm (4.0 in)

#### USA

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#### Finland

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Fax +358.2.8651.233

#### UK

Tel +44.1438.730.700  
Fax +44.1438.730.751

#### France

Tel +33.1.48.65.34.03  
Fax +33.1.48.65.43.69

#### China

Tel +8610.8275.5086  
Fax +8610.8275.5537

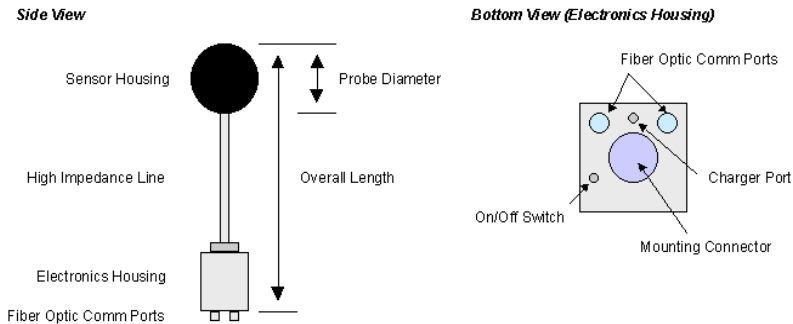
#### Japan

Tel +81.3.3813.7100  
Fax +81.3.3813.8068

**HI-4433-CH**

Detection	Isotropic
Frequency Range	<b>5MHz – 300MHz</b>
Dynamic Range	100 mA/m – 10 A/m
Data Sample Rate	1 to 24 Samples per Second
Response Time	86 msec (min)
Calibration Accuracy at Cal Points	± 0.5 dB Absolute Accuracy to NIST ± 1.0 dB
Linearity	± 0.5 dB
Isotropic Deviation	± 0.5 dB
Length	559 mm (22.0 in)
Probe Diameter	102 mm (4.0 in)

**Physical Description**



**Miscellaneous**

Environmental Ranges for all HI-4433 Probes

10 – 40°C (50 – 104°F)  
5 – 95% Relative Humidity, Non-Condensing  
3.6Vdc, 1400mA-hr Rechargeable NiCad  
20 Hours Continuous Operation  
One Hour Fast Charger Included  
0.54kg (19oz.)

Battery

Weight