

### Features

- 2 – 400 kHz
- 0.06 mG – 400 G (with 100X Probe)
- Three Concentric Orthogonal Field Sensors
- True RMS Detection

### Accessories

Battery Charger  
Custom Fitted Carrying Case  
User Manual  
Shoulder Bag Carrying Case - Optional



### *True RMS Isotropic Magnetic Field Measurements*

Make isotropic measurements simply and economically with the HI-3637 VLF Meter. Three orthogonal sensing coils are combined into a vector sum to provide accurate magnetic field measurements from any VLF magnetic field source.

The HI-3637's remote sensor and meter make quick work of determining VLF magnetic field distributions in various applications. A data logger or chart recorder can be connected to the HI-3637 output to monitor field variations over time.

The frequency response meets both the Swedish and IEEE 1140 specifications for VDT testing.

### Specifications

Frequency Response	2 – 400 kHz ± 3 dB with roll-off per SWEDAC
Dynamic Range	6 nT – 400 µT (0.06mG – 4G) with Standard
Sensor	600 nT – 40 mT (6mG – 400G) with x100
Detection	Isotropic
Response	True RMS
Recorder Output	0 – 5 Vdc (50µA max), proportional to meter
Sensor	3 Concentric, Orthogonal, Shielded Coils 110mm ID x 116mm OD (0.01m <sup>2</sup> ) each Overall: 127mm Sphere Diameter, 292mm
Handle with 1.2m (4') Cable	
Dimensions	6.62H x 4.12W x 2.75D in (168 x 105 x 70mm)
Weight	Meter 31oz. (0.88kg) Sensor 16oz. (0.45kg)
Environmental	10°C – 40°C 5% - 95% Humidity, Non-Condensing

### Applications

Computer Monitors  
VDT's  
Induction Heaters  
Industrial, Scientific, Medical

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