

VLF Magnetic Field Meter

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.

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

Specifications

Frequency Response	2 – 400 kHz ± 3 dB with roll-off per SWEDAC
Dynamic Range Sensor	6 nT – 400 μ T (0.06mG – 4G) with Standard 600 nT – 40 mT (6mG – 400G) with x100
Sensor Detection Response	Isotropic True RMS
Recorder Output indication Sensor	0 – 5 Vdc (50 μ A max), proportional to meter 3 Concentric, Orthogonal, Shielded Coils 110mm ID x 116mm OD (0.01m ²) 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