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TECHNOLOGY GROUP

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Full-service, independent repair center
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Expert team | Trust guarantee | 100% satisfaction

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Find the *ETS-Lindgren / Holaday HI-3627* at our website: *Click HERE*

HI-3627 ELF MAGNETIC FIELD METER

ETS-Lindgren's Model HI-3627's ELF Magnetic Field Meter quickly determines ELF (extremely low frequency) magnetic field distributions in various applications, such as power-line emissions, home ambient environments and high current factory locations.



ETS-Lindgren's Model HI-3627's ELF Magnetic Field Meter quickly determines ELF (extremely low frequency) magnetic field distributions in various applications, such as power-line emissions, home ambient environments and high current factory locations. A data logger or chart recorder can be connected to the HI-3627 output to monitor field variations over time. Signals from three orthogonal sensing elements are combined in a vector sum to provide accurate magnetic field measurements from any ELF magnetic field source.

The 2kHz upper cutoff frequency enables accurate measurements of more than 30 harmonics of a 60 Hz power frequency field. The switch-selectable, lower frequency cutoff point enables testing to Swedish MPR and IEEE 1140 guidelines.

Key Features

- Broad Frequency Response
- Three Concentric Orthogonal Field Sensors
- True RMS Detection
- Wide Dynamic Range

Specifications

Electrical Specifications

Frequency Response (Nominal): 5 Hz to 2000 Hz
Recorder Output: 0 to 5 VDC (1 mA Maximum) Proportional to Meter Deflection
Sensitivity (in Five Ranges): 0.2 mG to 20 G
Sensor 0.01m^2 Nominal Area
Battery: NiCad, Rechargeable, 30 Hour Typical Operating Life

Physical Specifications

Dimensions (Height x Width x Length): 165 mm x 95 mm x 56 mm (6.50 in x 3.74 in 2.20 in)

Other Specifications

- Model 3627 ELF Magnetic Field Meter
- Battery Charger
- Calibration Certificate
- Manual

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Gold-standard solutions

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We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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