

Accessories

Custom Fitted Carrying Case
User Manual



*Isotropic Response
True RMS Detection
100dB Dynamic Range*

Low Cost, True RMS Magnetic Field Measurements

The HI-3624 ELF survey meter leverages over 30 years of Holaday experience in measuring electromagnetic fields and a low cost sensor implementation to configure an affordable, easy to use magnetic meter for both field and laboratory measurements.

The standard configuration provides a wide 30 – 2000Hz frequency response with stable readings when probing for peak field orientations. The 2kHz upper cutoff frequency allows accurate measurements of more than 30 harmonics of a 60Hz-power frequency field.

The HI-3624A is configured to meet the Swedish requirements for ELF magnetic field measurements. A low frequency cutoff switch enables either the 30-2000Hz response for field testing or the 5-2000Hz response as specified by the Swedish testing protocol for office equipment.

Specifications

Frequency Response	± 3 dB 30-2000Hz (HI-3624) ± 3 dB 30-2000Hz or 5-2000Hz (HI-3624A, Switch-Selectable)
Dynamic Range	0.2 milliGauss – 20 Gauss (100dB)
Detection	Single Axis
Response	True RMS
Sensor	110mm ID x 116mm OD (0.01m ²) Shielded Coil with 1.2m (4') Cable
Dimensions	156H x 95W x 52D mm
Environmental	10°C – 40°C 5% - 95% Humidity, Non-Condensing