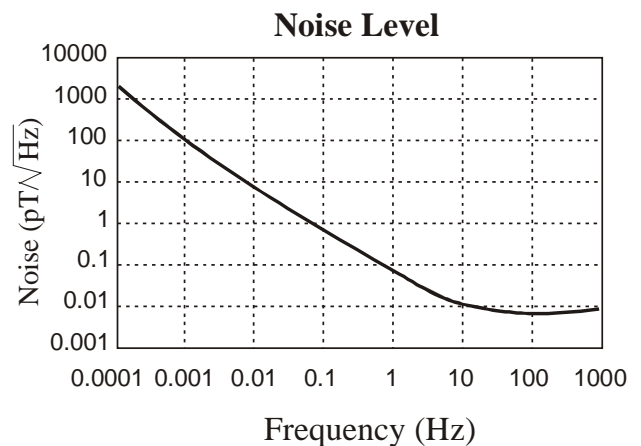
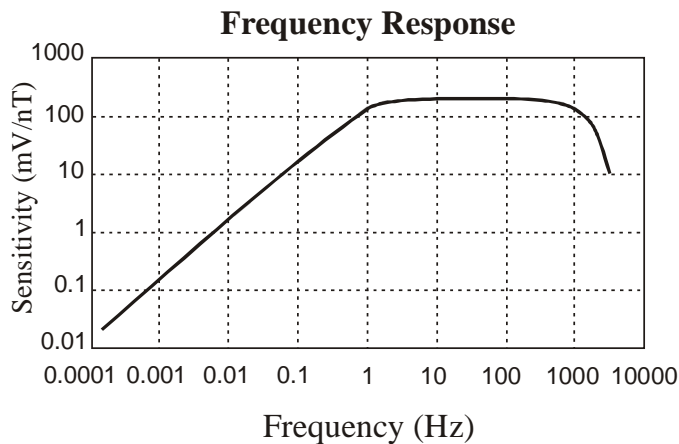




INDUCTION MAGNETOMETER FOR GEOPHYSICAL APPLICATIONS LEMI-120

Main features

- Super-wide frequency range:
0.0001 - 1000 Hz
- Very low noise
- Low power consumption



LEMI-120 features extremely low noise and wide frequency dynamic range what makes it the perfect choice for a variety of geophysical applications. The original built-in modulator-demodulator preamplifier with low power consumption and differential output ensures that the sensor may be used with any recording system as far as 200 meters away from the sensor installation site. It is waterproof, ruggedized and ready for use right after switching on.

TECHNICAL SPECIFICATION

Frequency range	0.0001 – 1000 Hz
Transformation factor:	
at frequencies 0.0001 – 1 Hz	100 f*mV/nT
1 – 1000 Hz	100 mV/nT
Noise:	
at 0.001 Hz	< 100 pT/sqrt(Hz)
at 0.1 Hz	< 1 pT/sqrt(Hz)
at 100 Hz	< 0.01 pT/sqrt(Hz)
Power consumption	< 220 mW
Weight	6,0 kg
Dimensions:	
diameter	85 mm
length	1340 mm
*f is the frequency of the received signal	