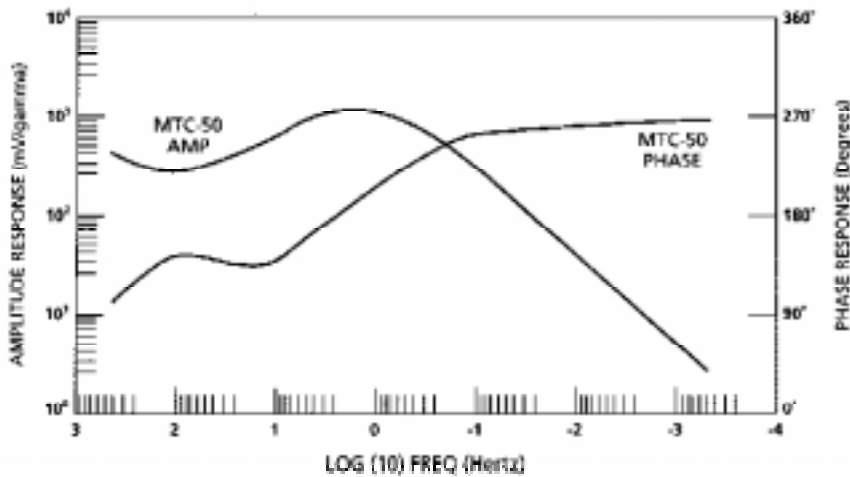
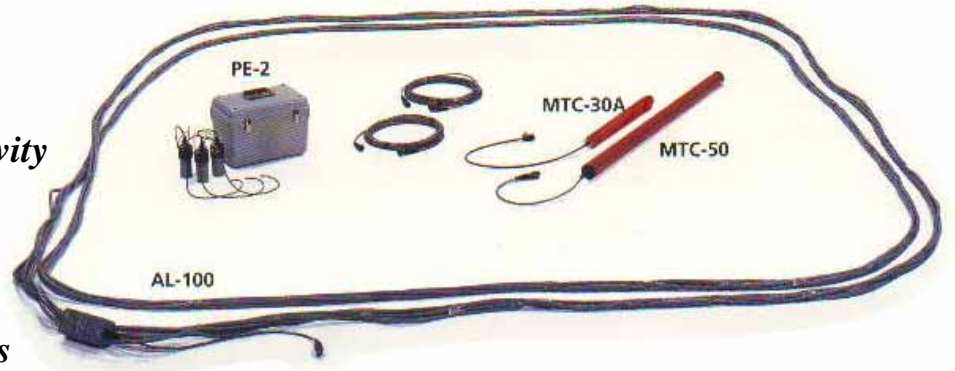


# Field Sensors

## Magnetic & Electric

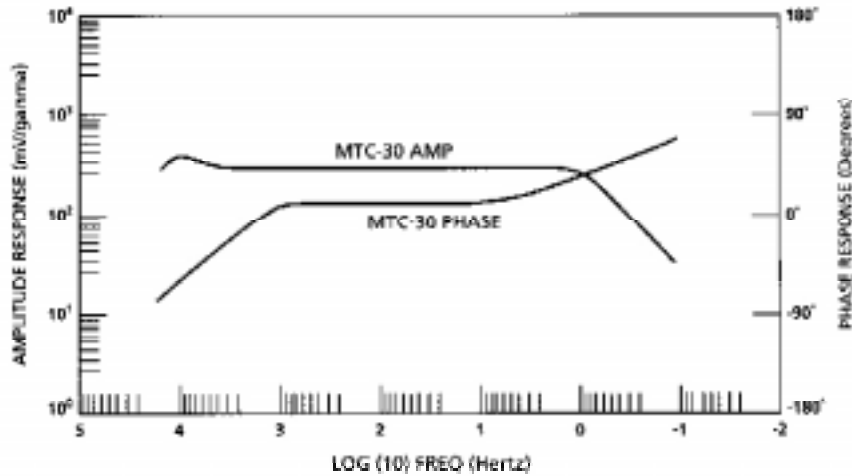
- g *Practical Design  
for Optimum Productivity*
- g *Rugged Lightweight  
Sensors Proven  
in Commercial Surveys*



**AMPLITUDE  
&  
PHASE  
RESPONSE  
MTC-50  
SENSOR**

### Coil model MTC-50

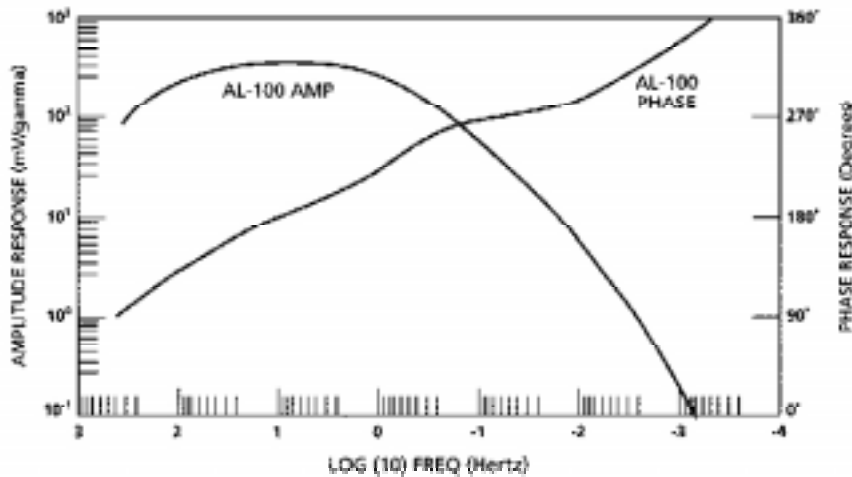
<b>Overall Length</b>	<b>141 cm</b>
<b>Outside Diameter</b>	<b>6.0 cm</b>
<b>Weight</b>	<b>10.5 kg</b>
<b>Frequency Range (for MT)</b>	<b>400 Hz to 0.0002 Hz</b>



**AMPLITUDE  
&  
PHASE  
RESPONSE  
*MTC-30*  
SENSOR**

**Coil model MTC-30**

<b>Overall Length</b>	<b>75 cm</b>
<b>Outside Diameter</b>	<b>9.0 cm</b>
<b>Weight</b>	<b>8 kg</b>
<b>Frequency Range (for AMT/CSAMT)</b>	<b>10<sup>4</sup>Hz to 0.1 Hz</b>

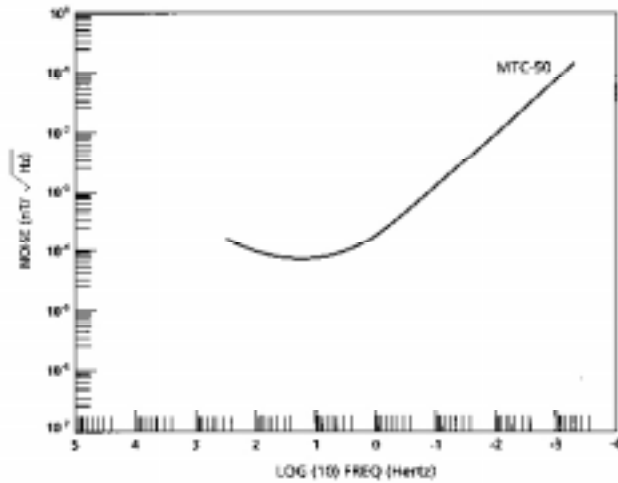


**AMPLITUDE  
&  
PHASE  
RESPONSE  
*AL-100*  
SENSOR**

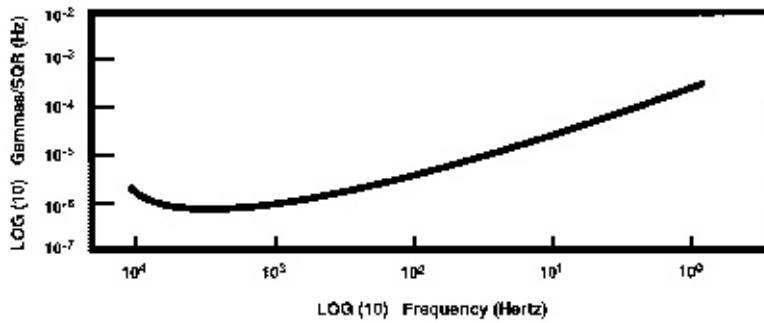
**Airloop model AL-100**

The airloop is specially designed for vertical magnetic field MT measurements in stony and hard ground, where it is difficult to dig a hole for a vertical coil.

<b>Layout Size</b>	<b>6.25 m x 6.25 m</b>
<b>Weight</b>	<b>25 kg</b>
<b>Frequency Range (for MT)</b>	<b>400 Hz to 0.001 Hz</b>



PHOENIX MTC-30A AMT / CSAMT MAGNETIC SENSORS  
PARALLEL COIL NOISE TEST JUNE 1997



**TYPICAL  
SPECTRAL  
PLOTS  
OF  
SENSOR  
NOISE**

**TIME DOMAIN EM (TDEM) SENSORS**

Various sensors are available for FasTEM, MuITEM, and LowTEM. Details on request.

**ELECTRODE MODEL PE-2**

Height	15cm
Weight	0.5 kg
Diameter	5 cm
Flat response across Frequency range	DC to 104 Hz

A low noise, low offset, low DC drift, non-polarizing, broadband, lead/lead-chloride electrode made of PVC for protection against foul-weather and temperature variations when buried in the earth.