

It is **mandatory** that the Induction Coil Magnetometer (ICM) to be indented must **have all of the specifications** mentioned below.

**Specifications:**

- The complete set of ICM must contain three sensors, electronic interface console to interface sensors to data logger in case the sensor output is not in RS232 format, data logger, data processing software and other accessories such as cable to connect the sensors, etc.

<b>Frequency range</b>	<b>0.001 to 50 kHz</b>
<b>Frequency band</b>	<b>0.001 to 500 Hz or better</b>
<b>Sensor Noise</b>	<ul style="list-style-type: none"> <li>• <math>3 \times 10^{-2}</math> nT/<math>\sqrt{\text{Hz}}</math> @ 0.01 Hz or better</li> <li>• <math>3 \times 10^{-4}</math> nT/<math>\sqrt{\text{Hz}}</math> @ 1 Hz or better</li> </ul>
<b>Output Voltage Range</b>	$\pm 10$ V
<b>Noise rejection on (50 <math>\pm</math> 0.2) or (60 <math>\pm</math> 0.2) Hz</b>	>60 dB
<b>Power supply voltage</b>	$\pm 12$ V
<b>Feedback cut-off frequency</b>	30 – 40 Hz
<b>Temperature range of operation</b>	-20 to +70°C or better
<b>GPS sampling synchronization and coordinates determination</b>	
<b>Waterproof housing</b>	