

## Comparison of GMS-2 and KT-10 Magnetic Susceptibility Meters

(Best Specification underlined)

<b><u>Manufacturer</u></b>	Fugro Instruments	Terraplus
<b><u>Model No</u></b>	<b>GMS-2</b>	<b>KT-10</b>
<b><u>Specifications</u></b>		
<b>Operating Frequency*</b>	<u>760Hz</u>	10kHz
<b>Units</b>	<u>SI or CGS</u>	SI
<b>Sensitivity (SI)</b>	$1 \times 10^{-5}$	<u><math>1 \times 10^{-6}</math></u>
<b>Coil Type</b>	Ferrite	Air-core
<b>Range (SI)</b>	$1 \times 10^{-5}$ to 9.999	$1 \times 10^{-6}$ to $9.99 \times 10^{-1}$
<b>Display Type</b>	<u>LCD, 14 lines</u>	LCD, 6 lines
<b>Measurement Frequency</b>	10 times per sec	20 times per sec
<b>Memory</b>	100 rdgs	<u>Up to 500 rdgs</u>
<b>Data Transfer Method</b>	RS232	<u>USB, Bluetooth with GPS link via Bluetooth</u>
<b>Battery Type</b>	2 x AA, 1.5v	2 x AA, 1.5v
<b>Battery Life</b>	25 hours	<u>100 hours</u>
<b>Oper Temp (°C)</b>	0-50	-20→+60
<b>Weight (kg)</b>	0.35	0.3
<b>Dimensions (mm)</b>	155 x 84 x 34	200 x 57 x 30
<b><u>Features</u></b>		
<b>Leather Case</b>	Yes	Yes
<b>Toggle to CGS Units</b>	<u>Yes</u>	No
<b>Continuous Reading</b>	Yes	Yes
<b>Audio Output</b>	Yes	Yes
<b>Auto Ranging</b>	Yes	Yes
<b>Data Averaging</b>	No	Yes
<b>External Sensor Attachment</b>	No	<u>Yes</u>
<b>Voice Recorder</b>	No	Yes
<b>GPS capabilities</b>	No	<u>Yes</u>

\* To avoid erroneous measurements due to the effect of conductivity in the target, the frequency should be as low as possible. In fact, it can be shown that a frequency of more than 1 kHz is unsatisfactory in the presence of conductive material.