



KT10H Data Sheet

The KT10H Magnetic Susceptibility meter is highly sensitive offering an order of magnitude more sensitive than the standard meter. Solely a Magnetic Susceptibility meter the KT10H is provided with a 60mm diameter circular coil, 3318mm2 measurement area. With all the features and connectivity as the standard KT10 system the KT10H can be used for specialist applications where the material magnetic susceptibility is in the order of 1x10-7 SI units.



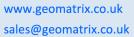
Although the KT10H includes the sample pin and automatic measurement function for rough surfaces this meter performs best on processed samples with even volume and smooth surface to exploit the sensor sensitivity.

With a simple intuitive user interface and two button operation, this handheld meter incorporates a voice recording function for incorporating metadata to records and Bluetooth connectivity for GNSS position integration.

Product Dimensions

| Physical | Dimensions (L x W x H) | Weight |
|-------------------|------------------------|--------|
| (instrument only) | 200mm x 57mm x 30mm | 0.3kg |

Technical Specifications



Tel: 01525 383438



Sensitivity: 1x10-7 SI Units

Measurement range: 0.001x10-3 to 1999.99 x10-3 SI Units Auto-Ranging

Total Sensor Measurement

Area:

3318 mm²

Operating frequency: 10 kHz

Measurement frequency: 20 times per second (in Scan mode, 5 readings averaged together and 4

readings /second stored

Display: High Contrast LCD Graphic Display with 104 x 88 pixels

Memory: Up to 3000 measurements or 2000 measurements with one minute of comments

per reading

Control: 1 button with up / down function & pin for rough surfaces

Data Input/Output: USB, Bluetooth with GPS link via Bluetooth

Power Supply: 2 AA Alkaline Batteries or 2 optional AA Rechargeable Batteries

Battery life: Up to 4000 readings without voice recorder

Operating temperature: -20 °C to 60 °C

Coil Diameter: 65 mm with a 45 degree angle