

Technical Specifications

Electrical

Sensitivity	1×10^{-5} SI Units
Sensor Oscillating Frequency	750 Hz.
Operating Mode	Single reading or Continuous

Mechanical

Display Size	5.8 x 3 cm.
Power Source	3 x AA Batteries
Battery Life	30 hours (using Alkaline Batteries)
Operating Temp. Range	0 to +50 deg C.
Storage Temp. Range	-40 to +60 deg C.
Dimensions	16 x 8 x 4 cm
Weight	365 gm with batteries

Further Information

For further information regarding this product, either technical or sales, please contact:



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Your Distributor:



magROCK

Magnetic Susceptibility Meter



Features

- Low frequency for deep penetration of rock sample
- Reversible display for 'ease-of-reading'
- Digital and graphical display
- Ruggedised assembly with ergonomic designed case
- Large memory stores 30 sets of 128 readings
– total 3,840 individual readings
- Data transfer by USB output (waterproof connector)
- User friendly menu system

MagROCK is a brand new development incorporating the latest in measurement and display technology while retaining the sound physical principles that enable improved sensitivity and accuracy.

The **low 750 Hz** measurement frequency is optimal for avoiding erroneous readings caused by the simultaneous measurement of conductivity and susceptibility. This can occur with the high frequencies used by other instruments which allow them to be in a smaller package. The low frequency also gives a **penetration of the measurement** beyond the surface of the sample which does not occur with the smaller instruments. The size of magROCK allows it to use the ferrite cored coils that give higher sensitivity and accuracy.

One of the many unique display features is the **reversal of the display** when the unit is held upside down. It can operate in **static or scanning mode**, has a large memory and computer compatible **USB interface** with download software.



Other Features

- Reads in both SI and cgs units
- Four button control, easy to use in one hand
- Scanning mode with audio to identify peak value
- Rugged and waterproof (EP 65 case)
- Low noise with very stable readings
- Fast zeroing (approx. 9 seconds)
- Long battery life



Accessories

The unit comes complete with a padded carrying case and data cable to communicate with a computer.

Software is also included to run under Windows XP and Vista.

Developed and Produced in collaboration with
Geo Equipment Repairs & Services Pty. Ltd. – Sydney, Australia.