



## MS2 Magnetic Susceptibility Meter



### Features

- High Sensitivity:  $1 \times 10^{-6}$  cgs expandable by a factor of 10.
- Accurate Measurements: Sensors calibrated to water.
- Intercalibrated Sensors: Interchangeable with no adjustments.
- Superb Temperature Stability: Very low measurement drift.
- Low Operation Frequency: Insensitive to sample conductivity.
- Computer interface: IBM compatible.
- Portable Data Logger.
- Rapid and Easy to use: Push button control gives digital reading in about 1s.
- Choice of SI and cgs units.
- Large 4-digit LCD includes sign.
- Internal Batteries: rechargeable.
- Analog interface option.

### General

The MS2 unit is connected to any of a wide range of individually calibrated sensors. Power and data transmission is supplied to the sensor via a coaxial cable that provides superb immunity to interference. When sample material is placed within the influence of a low frequency 1 Oersted alternating magnetic field, produced by the sensor, a change in frequency results. This is converted to a reading of magnetic susceptibility and displayed digitally on the MS2 Meter. All sensors are screened to provide immunity to electrical interference and proximity effects.

### MS2B Dual Frequency Sensor





- o Dimensions: 27.5 x 20 x 14cm

## Standard Components

MS2 meter, power cord, carrying bag, and instruction manual

## Ordering Information

Description	Order Number
MS2 Standard System	550-300-0000
MS2B Dual Freq. Sensor	550-300-0003
MS2D Probe	550-300-0009
MS2C Core Logging Sensor	550-300-0006
MS2 Carrying Case	550-300-0021
Service Manual	550-300-0036
Multisus IBM Software	550-300-0030
Data Logger	550-300-0033