

MS3

Bartington Magnetic Susceptibility System

The new MS3 is the next generation product in our range of magnetic susceptibility instrumentation available with a range of sensors designed for different applications.



Over many years, the Bartington Instruments MS2 Magnetic Susceptibility System has gained an excellent reputation within the environmental science and geosciences communities, and has established a benchmark in performance against which similar competing instruments are judged. The new MS3 system builds on this platform, retaining the core technology of the MS2, whilst providing additional features, functionality and performance.

The MS3 System consists of the MS3 Meter module, coupled with a completely new “BartSoft” software package. The new meter module and software replace the existing MS2 Meter and “Multisus” software. This new software is available for download on our website.

Most importantly, the new MS3 System is fully compatible with the current range of MS2 sensors and probes (except for the Susceptibility/Temperature system). Existing MS2 users do not need to invest in new sensors to benefit from the increased measurement range available with the MS3.

Summary of MS3 main features:

- Measurement range to 26 SI (volume specific)
- Measurement time from 100ms
- USB or RS232 interface options

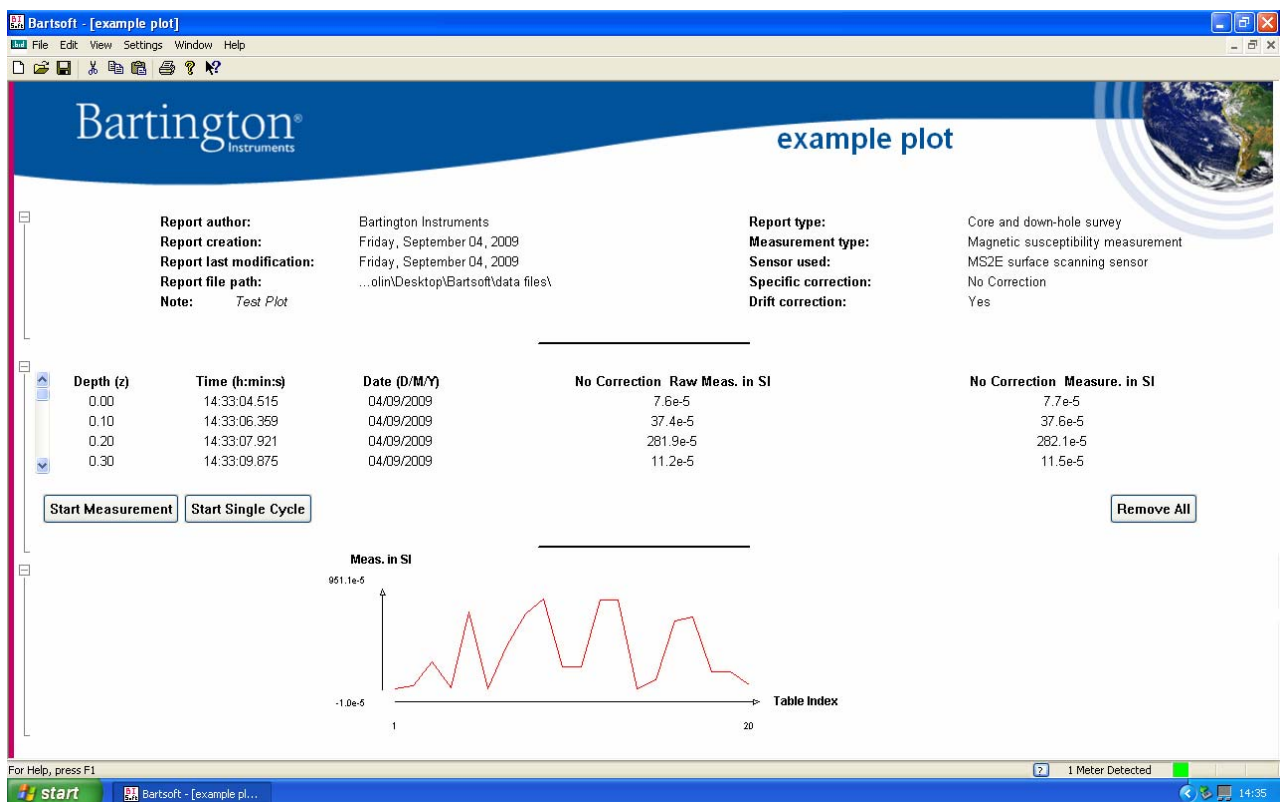
Specification – MS3 Meter	
Measurement range	Up to 26 SI
Power Supply	Powered by computer via USB or RS232 serial port
Enclosure material	White Polyacetal
Operating temperature range	-40°C to 70°C
Storage temperature range	-60°C to 125°C
Weight	145g
Dimensions	120x50x25 mm
Sensor cable	50ohm TNC to TNC, 1m length (maximum 100m)
PC Interface	Mini USB on 150mm cable (RS232 option available) (Mini USB – USB Adaptor supplied)
Indicators	One tricolour LED
Environmental IP rating	TBC
Software requirements	Windows 2000, XP, Vista Windows Mobile version available soon

The new "Bartsoft" software provided offers increased capabilities, and is compatible with the full range of sensors.

For laboratory use, BartSoft will operate on a Windows PC. For field use, the MS3 Meter will be used in conjunction with a Windows Mobile Handheld PC.

Bartsoft main features include:

- Virtual meter display & control
- Data logging
- Selectable automated corrections
- Measurement tables showing date, time, raw and corrected data
- Linear and grid graphical display
- Programmable measurement sequence e.g. air-sample-air



Screenshot of the Bartsoft PC application