

DC GAUSSMETERS

KILOGAUSS METER *High Field Digital DC Readings*

This is a high quality, reasonably priced digital meter & it is invaluable for reliable measurement of permanent magnets, magnetized rocks and metals, the Earth's magnetic field, and any DC magnetic field. Portable, with 3½ digit bi-polar display, it is 9V battery powered and comes with an AC power adapter for extended benchtop use. Probe (High Linearity Hall Generator) with 3.5 ft cable is included providing nearly linear response from DC to 10 Hz. Four ranges covering 0 - 20, 200, 2000, 20,000 Gauss with a 3% accuracy guarantee. Two year parts and labor warrantee. 200mV DC recorder output and padded hard carry case included. Choose probe configuration.



KiloGauss Meter with:

- Transverse Probe only (Cat. #R2100-T) \$525.00**
- Axial Probe only (Cat. #R2100-A) \$525.00**
- Transverse + Axial Probes (Cat. #R2100-AT) .. \$650.00**



HALL-EFFECT GAUSSMETER *Intermediate Range*

Versatile enough to classify magnets, measure residual magnetism, and check fields from DC circuits. Also has sensitivity to low frequency AC magnetic fields.

High linearity & **high accuracy** (3%). Residual sensitivity to 60 Hz. **4 ranges:** 2, 20, 200, 2000 Gauss.

3½ digit display, yields 1 mG resolution (on lowest scale). Rugged detachable probe on 3.5 ft cable. 200 mV DC recorder output permits data logging and recording.

Includes a 9V battery AC adapter, reference magnet, and padded hard case. Made in USA. Two year mfr warranty. Choose transverse or axial probe, or save \$ when you get both.

Hall-Effect Gaussmeter with:

- Transverse Probe only (Cat. #R1101-T) \$525.00**
- Axial Probe only (Cat. #R1101-A) \$525.00**
- Transverse + Axial probes (Cat. #R1101-AT) . \$650.00**

Micromag USB Gauss Meter

DC Magnetometer for Your PC

Whether you need low cost, compact design, small probe head, or extensive data logging, MicroMag has it all. Completely auto ranging from 1G to 19,999G with 1G resolution and 10% accuracy. You can even adjust the sampling rate from 4 times per second to anything slower.



File Data Help

Data Table Data Plot

Data Set 1 (DC)

Time (s)	Field (Gauss)
4.500	9969
4.750	9968
5.000	9976
5.250	9978
5.500	9979
5.750	9967
6.000	9978
6.250	9976
6.500	9964
6.750	9973
7.000	9972
7.250	9972
7.500	9969
7.750	9970
8.000	9973
8.250	9960
8.500	9965
8.750	9968
9.000	9964

screenshot

Streaming

Three foot cable terminates in a tiny sensor which can easily fit in a .060 inch (1.5 mm) gap. The sensor tip can be bent if required for a variety of situations. Place the sensor on a magnet face to measure the field. With a resolution of 1 Gauss, it can measure small variations from magnet to magnet or it can detect if a given magnet has lost strength. Plug the unit into your Windows PC USB port to begin reading and recording fields (updates readout from 30 second intervals to 4 times per second). Minimal setup required. No batteries needed,

powered by USB port. Fast, easy, and cost effective! Free software download. Works with:

- Windows 10
- Windows 8.1
- Windows 7 Service Pack 1
- Windows XP Service Pack 3

MicroMag (Cat. #R157) \$175.00

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