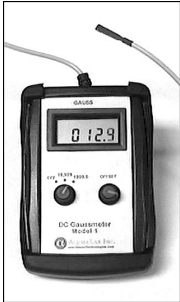


DC GAUSSMETERS

DC MAGNETOMETER

Price, Simplicity, Value



This is the meter for measuring magnets, residual magnetism, and DC magnetic fields. 4½ digit display. Range is 0.1 to 19,999 Gauss. Indicates polarity too. ±1% accuracy when used in 60° to 85°F. Very tiny probe tip fits tight spaces. Simply turn it on by selecting range (0-1999.9 or 0-

19,999). Zero offset knob allows up to 10 gauss zero correction. Rugged rubber boot included for meter body. Useful and simple to understand instruction sheet. Low battery indication.

Range 1: -1999.9 to 0 to 1999.9 Gauss; resolution: 0.1 Gauss

Range 2: -19,999 to 0 to 19,999 Gauss; resolution: 1 Gauss

Accuracy: ±1% accuracy over 60-85°F; ±2% accuracy over 30-110°F

Display: 4½ digit LCD

Battery life: about 40 hours with 9V alkaline, included

Recalibration interval: 10 years

Probe on 45 inch (non-detachable) cable included. 1 year warranty. Great for hobby, education, research and industry. And look at the price! Made in USA.

(Cat. #D157) \$259.00

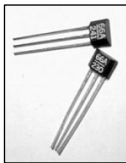
LINEAR HALL EFFECT SENSOR

Continuous-time,

Ratiometric, Linear Hall-effect Sensors.

Accurately Produce Voltage that is Proportional To Applied Magnetic Field

These semiconductor chips are the heart of a DC magnetometer probe. When a DC magnetic field is applied, a **1.3 mV/G** typical voltage is produced which is proportional to the strength of the field. They can also be used to make a very simple DC magnetometer... schematic included! It is possible to position 3 units orthogonally and link them in series to make a "3-axis" DC magnetic field sensor. Well suited for industrial, hobby and educational applications over extended temperature ranges, from -40°C to 125°C. **(Cat. #D400) \$2.00**



NIST TRACEABLE CALIBRATED DC MAGNETOMETER

High Quality and Simplicity

With one button operation, just point, click, and read.



Effortlessly measure DC magnetic fields between 0 and 10,000 Gauss with 2% absolute accuracy and resolution of 1 Gauss.

With a single button click you can:

- take a single measurement,
- measure continuously for surveys,
- have the meter find and save peak values for you.

As long as the single button is held down, the meter continuously shows the field strength. Want to know the peak value you saw during a field survey? It's done for you automatically. While the button is held down, the meter saves all values it measured for the last 10 seconds. When you release the button, the peak value is shown. The reading is held on screen for 10 seconds and then the unit powers down automatically.

Doesn't need zeroing. The advanced new design does not drift. Handheld and lightweight (only 4.4 ounces). Single handed operation is easy, as the sensor is inside the case and there is no fussing with external probes or cables. Uses 2 standard AA batteries and power consumption is so incredibly low, that a single set of batteries will last you years.

Each meter carries a serial number and is individually factory calibrated using a NIST traceable gaussmeter (certificate included). Recalibration is available at only a small additional cost. Only 1.1 x 2.5 x 3.7 inches, with internal probe. Made in USA with 90 day mfr warranty. One year warranty. Made in USA.

NIST DC Magnetometer
(Cat. #D432) \$379.00

Toll free in USA: 1-888-537-7363
International: +1-518-432-1550