

# Magnetism Detectors

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Indicates Residual Magnetism in Ferrous Material





## To Indicate Residual Magnetism In Iron & Steel Objects

The Magnetic Analysis Magnetism Detector is widely used by steel suppliers and fabricators to indicate the degree and polarity of residual magnetism in ferrous products.

Easy to use, simply place the base of the indicating needle against the object you are testing. The needle indicator will move to a point on the scale that represents the strength of the magnetic field of the material (in gauss). The meter scale reads 20 units on either side of a zero center point, allowing for quick identification of the field's polarity as well as the level of the magnetic field.

Full scale deflection is equal to approximately twenty gauss. When checking magnetized bar stock or tubing, a reading of 10 or less is usually acceptable. Each piece should be tested separately, so that the reading is not affected by adjacent parts.

The magnetism detector may be damaged if not handled with reasonable care. It should not be dropped or subjected to severe mechanical vibration or strong magnetic fields such as from high horsepower motors, generators or welding equipment. For more information on care, see instructions supplied with shipment.

## Sensitivity & Calibration

*Magnetism Detectors are calibrated prior to shipment, as signified by the sticker applied and initialed by a member of MAC's Quality Control staff. Calibration to a Level of +/- 1 gauss at 10 gauss is performed utilizing a calibration fixture, calibrated with a gaussmeter which has been calibrated in accord with standards traceable to the N.I.S.T.*

*For those applications where the sensitivity of the instrument, as supplied, is of high significance, the full-scale reading (+/- 20) is obtained when the meter is subjected to a field whose known intensity is 20 gauss plus or minus 10%.*

- Inexpensive**
- Pocket Size**
- Light in Weight**
- Ruggedly constructed**

**Price: \$89.95 each**



**10-49: \$79.95 each**

**DET-432 with Certificate \$125.00 each**

**To order: email [customerservice@mac-ndt.com](mailto:customerservice@mac-ndt.com) or call 1-800-4-NDT-MAC**