

Magnetic Field Indicators

Use to check for residual magnetism

Use Magnaflux magnetic field indicators to check for residual magnetism after magnetic particle testing. Also known as gauss meters or magnetometers, when paced against a magnetised part they read the amount of residual magnetism left in the part.

FEATURES

- Quick and easy to use
- Available in calibrated and non-calibrated models.
- Can be recalibrated by a Magnaflux Authorised Service Centre.



Non-calibrated Field Indicator



10 Gauss Calibrated Field Indicator



20 Gauss Calibrated Field Indicator

INSTRUCTIONS FOR USE

Place the field indicator:

- near or directly against the object/part being tested. The lower rim of the indicator below the arrow is the most sensitive part of the meter and should be placed closest to the part being measured.
- near a position on the part that exhibits flux leakage, e.g. at the end of a bar-shaped part.

Magnetic polarity of the field is measured by the direction of the pointer deflection on the centre zero scale. A plus (+) indicates the meter has been presented to a North magnetic pole and minus (-) to a South magnetic pole. The higher the reading, the stronger the magnetic field.

Readings in gauss relate only to the magnitude of external leakage fields and should not be misconstrued as the flux density within the part.

Please note:

- If you place the indicator in a very strong magnetic field, it may throw it considerably off scale.
- If your field indicator comes in contact with the field of a demagnetising coil, or within the effective field of a conductor carrying a heavy alternating current, it may become demagnetised.

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PRODUCT PROPERTIES

	Non-calibrated	10 Gauss calibrated	20 Gauss calibrated
Accurate to	N/A	+/- 0.3 gauss	+/- 0.5 gauss
Scale range from 0 centre	+10 or -10 gauss	+10 or -10 gauss	+20 or -20 gauss
Divisions	Each division = 1 gauss.	Large division = 1 gauss Small division = ½ gauss	Large division = 2 gauss Small division = 1 gauss

PART NUMBERS

Non-calibrated	2480
10 Gauss Calibrated	505056
20 Gauss Calibrated	105645