MAGNAFLUX®

Operating Manual

Disposable Magnetic Field Indicator

CE

DESCRIPTION

The disposable magnetic field indicator is a robust, pocket-sized measuring device (Ø = 6.4 cm) used to detect residual magnetism which can remain in workpieces after testing and demagnetisation. The device is also known as Gaussmeter or magnetometer.

This instument displays the zero position in the centre and graduations on both sides of ±5 and ±10 divisions (1 division = 1 Gauss).

APPLICATION

The point marked with the white arrow is the most sensitive side of the device. To measure residual magnetism, hold this side of the device vertically on the test piece and read the value indicated on the scale.

A (**+**) value equates to a NORTH pole magnetic value and a (**-**) value equates to a SOUTH pole magnetic value. The higher the value indicated, the stronger the magnetic field.

IMPORTANT

WARNING

The magnet installed in this field indicator is very sensitive and will lose its effectiveness if the instrument is placed in a strong magnetic field (e.g. in the vicinity of a demagnetiser, a sleeve or a yoke which is currently in operation).

NOTE:

This instrument cannot be calibrated and should only used for comparative measurements.

This field indicator can only measure residual fields; it cannot measure the density of the magnetic flow.

This instrument does not require a power supply (battery or battery pack).

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