

## Description

Magnetometer is a pocket size do not require battery. Gauss meter is used to detect magnetism after demagnetizing. It has a scale of positive and negative polarity in small divisions reading in gauss.

Gauss meter is used to test a variety of metal objects around the home to see if they have been magnetised due to stray voltage in the air.

Simply place the tester near to or against the object being tested and the needle will indicate any present magnetism and its polarity.

Gauss meter is very popular in lab, pipe mills, offshore and welding inspection of pipelines for checking residual magnetism in pipelines. Reads directly in gauss of a uniform magnetic field oriented parallel with the centerline of the instrument scale.



## Technical data

- Model: GM-10, GM-20, GM-50
- Meter range: 10-0-10GS, 20-0-20GS, 50-0-50GS
- Accuracy:  $\pm 10\%$
- Dimension: 58\*23mm
- Weight: 60g
- Temperature: -10-40°C
- Relative Humidity: 20%-80%
- With certification report.



## Features

- Pocket size, light, easy to carry
- Calibrated in true gauss with high accuracy
- Available in numerous full scale readings with jewelled movement
- Large 2-1/2" face for easy reading
- High stability magnets ensuring long life
- Placed in a helmholtz standard the readings for accurate readings
- Optional padded cases available



## How to use

When we use gauss meter, the arrow of gauss meter should be closed to test piece and move left and right slowly, the maximum reading during the movement is residual magnetism of test piece.

**Tips:** During the measurement, the arrow shall be in the direction of E-W to avoid influence of Earth magnetic field.

Only applicable to residual magnetism measurement within the range showed on the panel.

