

Gaussmeter Model 410



- Hand-held device for determining magnetic field strength
- No mains power supply required
- Easy to operate

Features

- Single-axis measuring unit
- 3 1/2 digits resolution
- 3 measuring ranges
- 3 measurements per second
- 1-line display
- Display in Gauss or Tesla
- Functions: Max Hold, Filter, Alarm, Zero Probe, Relative Measurement, Auto Range, Memory Hold, AC/DC, Gauss/Tesla

Operating principle

Hand-held Gaussmeter with a resolution of $3\frac{1}{2}$ digits and a measuring accuracy of $\pm 2\%$.

Measurement of Hall voltage created in a Hall sensor which is proportional to the applied magnetic field.

Presentation on an alphanumerical LCD display with background illumination. Measured value shown in Gauss or Tesla, 3 measurements per second.

The relative function enables the measurement of changes of very large fields with a high resolution.

Max. hold function for saving the maximum value of the field measured.

Measurements in the temperature range 0 to 50°C, temperature influence 0.1 % per degree Celsius.

Axial and transverse probes available.

Technical Data

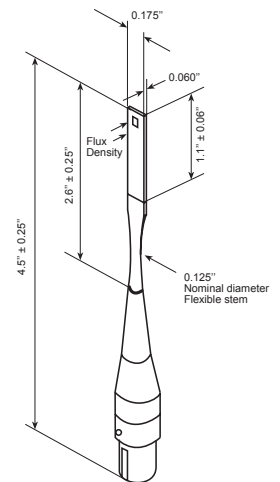
Measuring mode:	measuring Hall voltage
Measuring range:	200 G, 2 kG, 20 kG
Measuring frequency:	DC, 20 Hz – 10 kHz
Measuring accuracy:	2 % of DC value, 5 % of AC value
Measuring rate:	5 measurements/sec / display
Selection of measuring range:	automatic or manual
Resolution:	$3\frac{1}{2}$ digits (1 of ± 2000)
Display:	1-line, LCD
Probe type:	MSA 410, MST 410
Temperature range:	0°C – 50°C
Weight:	450 g
Dimensions:	approx. 195 x 100 x 45 mm (length x width x height)
Power supply:	battery-operated

Accessories

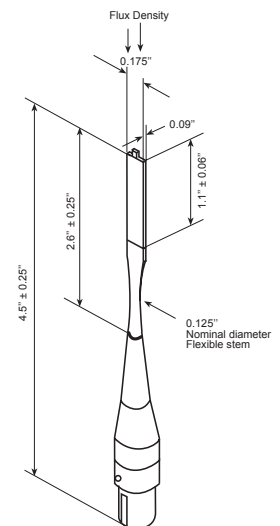
For all models:	set of batteries / 1 m probe cable
Model 410SCA:	fabric bag / axial probe
Model 410SCT:	fabric bag / transverse probe
Model 410SCAT:	fabric bag / axial probe / transverse probe
Model 410HCAT:	case / axial probe / transverse probe
Special accessories:	zero chamber, table fixture, 3 m probe cable



Gaussmeter 410



Transverse probe



Axial probe



Hystograph AC/DC system Fluxmeter Gaussmeter

Other measuring systems:

- Hystograph
- AC/DC Hystograph
- Fluxmeter

Other products:

- Measuring Technology for Soft Magnetic Materials
- Magnetizing Technology
- Internet Marketplace for Used Instruments
- Services

BROCKHAUS MESSTECHNIK
Advanced Measuring Technologies

Dr. Brockhaus Messtechnik GmbH & Co. KG
Gustav-Adolf-Str. 4 · D-58507 Lüdenscheid
P.O. Box 13 27 · D-58463 Lüdenscheid
+49 (0) 700 brockhaus
+49 (0) 2351 3644-0
+49 (0) 2351 3644-44 fax
www.brockhaus.net · mail@brockhaus.net