BROCKHAUS
MEASUREMENTS



- Hand-held device for determining magnetic field strength
- High accuracy of 0,5 % and repeatability
- Latest LiPo battery technology (USB charging)
- Easy to operate with intuitive touch screen operation
- Compact & ergonomic design

Features

Multicolour touch TFT 320 x 240 px

4 measuring ranges and Auto range

From DC to 10 kHz AC fields (TRUE RMS)

Automatic probe detection

Display in Gauss, Tesla, Oersted or A/m

Bargraph visualization

Fast Peak hold detection

Digital band filter for pulse measurement

Functions: Max/Min hold, Alarm, Relative, Auto zero, Data storage, Data transfer to PC

Find out more and order the Gaussmeter online at our webshop:

BROCKHAUS.COM/SHOP

Measuring Technology for Hard Magnetic Materials

Gaussmeter BGM 101

Gaussmeter BGM 101

Operating principle

The Gaussmeter enables a precise and user-friendly magnet field measurement by means of Hall sensors. The operation of the Gaussmeter is via a multicolour touch display and individually programmable display settings.

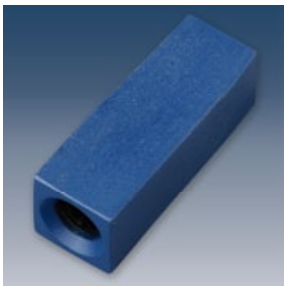
The Gaussmeter is supplied with a LiPo battery pack which ensures long-term operation. The battery pack can be charged either by USB or power adapter.

Data transfer is via USB interface thus enabling further data processing of the magnet field measurement on a PC.

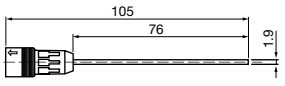
Special attention has been given to extremely thin and flexible Hall probes which allow magnetic field measurements even in the tightest of spaces.



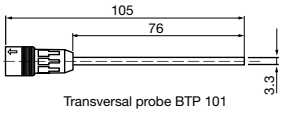
Gaussmeter package



Zero field chamber BZC-101



Axial probe BAP 101



Transversal probe BTP 101

Probes



Multicolour touch display

Technical Data

Measuring mode	Hall sensor technology (axial or transversal)
Measuring range	4 mT, 40 mT, 400 mT, 2 T, AUTO
Frequency	DC to 10 kHz
Measuring accuracy	0.5 % for DC and AC
Measuring rate	20,000 samples/s
Display	320 x 240 px multicolour touch TFT
Probe	transversal (BTP-101) axial (BAP-101)
Temperature range	0-50 °C
Weight	185 g
Dimensions	L 120 mm x W 72 mm x H 25 mm
Power supply	LiPo battery 2500 mAh (power supply or USB)

Gaussmeter packages

GAU-005000	Gaussmeter package complete BGM-101, 1 x selectable probe, 1m probe extension cable BPC-101, Zero field chamber BZC-101, USB cable, battery charger, PDF manual, Aluminum hard case.
GAU-005001	Gaussmeter package basic BGM101, 1 x selectable probe, USB cable, battery charger, PDF manual

Accessories

GAU-005002	Zero field chamber BZC-101
GAU-005004	Additional axial probe BAP-101
GAU-005005	Additional transversal probe BTP-101
GAU-005003	Aluminum hard case
GAU-005006	Probe extension cable (1 m) BPC-101

Other measuring systems

Hystograph
AC/DC Hystograph
XYZ Field Scanner
Fluxmeter

Product divisions

Measuring Technology for Soft Magnetic Materials
Magnetizing Technology
Services

BROCKHAUS MEASUREMENTS

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