



# NOVOTEST

## Gaussmeter (magnetometer) NOVOTEST MF-1M



### **Gaussmeter (magnetometer) NOVOTEST MF-1M is designed for rapid non-destructive testing:**

- magnetic fields in the control of ferromagnetic products by MT control;
- levels of industrial noise;
- technical characteristics of equipment for magnetic particle inspection of passport data and the requirements of normative and technical documentation;
- the level of the remanent magnetization of products after magnetic particle inspection;
- magnetic induction of the various components, devices, products.





## Advantages of Gaussmeter (magnetometer) NOVOTEST MF-1M



The device used to measure the static field.  
 Portable Gaussmeter (magnetometer) NOVOTEST MF-1M is equipped with a Hall probe to measure the magnetic induction in the following units: Gauss, Tesla, Amps / meter.

Gaussmeter (magnetometer) consists of an electronic unit and various removable sensors. The device runs on two standard alkaline batteries AA (1.5 V).

## Specifications of the Gaussmeter (magnetometer) NOVOTEST MF-1M

The range of measured values, Gauss (G)	$\pm 100; \pm 1000; \pm 3000$
Readability reading on the digital display, G.	0.2; 2.0 or 5.0
Setting time, s, max	1
Measuring accuracy, G	$\pm(1+0.05H)$ where <i>H</i> – module of the numerical value of readings of the magnetometer expressed in Gauss
Measurement units	G, mT, A/cm
Dimensions: – electronic unit, mm – probe, mm	120x75x36 Ø20x115
Operating conditions: – ambient temperature for the electronic unit, °C – ambient temperature for the probe, °C – relative air humidity, % – air pressure, kPa	from -10 to +40 from -20 to +40 up to 98 at +25 o C from 84 to 106.7
Powering from two Ni-MH AA batteries (or alkali batteries)	1.2 (1.5) V
Battery life, not less, h	20
Weight: – electronic unit, kg, max – probe, kg, max	0.25 0.08

## Standard set of the Gaussmeter (magnetometer) NOVOTEST MF-1M

- Electronic unit of magnetometer
- Hall probe
- 2 batteries (AA)
- Protective silicone case
- Charger
- Passport
- Packing containers