





- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **CE EN**
- Model Number: **YY1112**

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **3-5 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **10 sets per month**

- Share to :

High Precision Lakeshore Model 425 Gaussmeter , 350 mG to 350 kG Toys Testing Equipment

Introduction:

Designed to meet the demanding needs of the permanent magnet industry, the Lake Shore Model 425 gaussmeter provides high-end functionality and performance in an affordable desktop instrument. Magnet testing and sorting have never been easier. When used in combination with the built-in relay and audible alarm features, the Model 425 takes the guesswork out of pass/fail criteria. Additional features including DC to 10 kHz AC frequency response, max hold and relative measurement make the Model 425 the ideal tool for your manufacturing, quality control and R&D flux density measurement applications. For added functionality and value, the Model 425 also includes a standard Lake Shore Hall probe. Put the Model 425 gaussmeter to use with confidence knowing it's supported by industry leading experts in magnet measurement instrument, sensor, and Hall probe technology.

Throughput:

Throughput involves much more than just the update rate of an instrument. An intuitive menu navigation and keypad, along with overall ease of use are equally important. The Model 425 is designed with these qualities in mind. The operation is straightforward, with user display prompts to aid set-up. We understand that time is money! In addition to being user friendly, the automated magnet testing and sorting features of the Model 425 streamline sorting and testing operations. In addition, hot swapping of Hall probes allows you to switch probe types without powering the instrument off and back on. These features support increased productivity, allowing you to spend less time setting up your instrument and more time working on the task at hand.

DC measurement mode

Static or slowly changing fields are measured in DC mode. In this mode, the Model 425 uses probe field compensation to correct for probe nonlinearities, resulting in a DC accuracy to $\pm 0.20\%$. Measurement resolution is enhanced with internal filtering, allowing resolution to 4 digits with reading rates to 30 readings per second over the USB interface.

AC measurement mode:

In addition to the DC measurement mode, the Model 425 offers an AC measurement mode for measuring periodic AC fields. The instrument provides an overall frequency range of 10 Hz to 10 kHz and is equipped with both narrow and wide band frequency modes. While in narrow band mode, frequencies above 400 Hz are filtered out for improved measurement performance.

Model 425 Features:

- Field ranges from 350 mG to 350 kG
- DC measurement resolution to 4 digits (1 part of $\pm 35,000$)
- Basic DC accuracy of $\pm 0.20\%$
- DC to 10 kHz AC frequency
- USB interface
- Large liquid crystal display
- Sort function (displays pass/fail message)
- Alarm with relay
- Standard probe included
- Standard and custom probes available
- CE mark certification



User's Manual
Model 425
Gaussmeter



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