

DESCRIPTION:

YW-821 is a handheld portable multi-functional magnetic field measuring instrument, which uses Hall probe to measure magnetic induction intensity. It can be used for working magnetic field measurement of speakers, magnetic separators, iron separators and DC motors, surface magnetic measurement of permanent magnet materials, residual magnetic measurement of mechanical parts, etc.

This series has three models: YW-821, YW-821-H and YW-821-A. The accuracy is grade 1, grade 2 and grade 5 respectively. They are suitable for different measurement scenarios, and users can choose according to their needs.

YW-821 has a peak measurement function, which can capture the peak when the pulse changes rapidly. During the measurement process, to capture the maximum magnetic field, the user only needs to switch the peak measurement mode to obtain the current maximum magnetic field value in real time.

YW-821 can set high and low alarm thresholds. After setting, as long as the measured value reaches or exceeds the preset alarm threshold, the instrument will give an alarm prompt. The instrument has a screen backlight that allows users to easily read measurements even in poor lighting conditions.



FEATURES:

- Auto range
- N/S magnetic field polarity display
- Peak measurement
- Over limit buzzer alarm
- Bilingual display in Chinese and English
- Value lock
- Key buzzer
- Restore factory settings
- Automatic shut-down
- Screen with backlight
- Battery level reminder

APPLICATION :

- Magnetic measurement of permanent magnet material
- Remanence measurement of mechanical parts
- Magnetic separator working magnetic field measurement
- Magnetic field measurement of iron remover
- DC motor working magnetic field measurement
- Strong magnetic shield leakage magnetic field measurement
- Loudspeaker working magnetic field measurement

NOTICES:

- Please operate the instrument correctly and use it in the environment specified in the technical parameter sheet.
- Please dispose of the waste in accordance with the relevant national environmental protection regulations.
- Avoid sunlight exposure.
- Avoid contact with corrosive chemicals.

WARNING:

- Do not disassemble without permission!
- Strictly prevent strong electricity and electrostatic shock !

Technical Parameters:

Model	YW-821	YW-821-H	YW-821-A
Measurement range	0~2400mT (0~24000Gs)		
Resolution	0.01mT (200mT); 0.1mT (2000mT)		
Precision	±1%	±2%	±2% (0~1000mT) ±5% (> 1000mT)
Unit	mT; Gs		
Measure response speed	0.2s/time		
Operating environment	Temperature: 0~50℃; humidity: 20~85%RH		
Storage environment	Temperature: -20~70℃; humidity: 0~85%RH		
Power supply	Three 1.5V dry cell batteries		
Dimensions	Host: 141*73*28mm		
Shell material	ABS		
Weight	About 116g (without battery and probe)		
Hall probe	Standard radial Hall probe; Dimension: 164*19*19mm		