

TM5340B Handheld Triaxial Tesla Meter



1. Summary

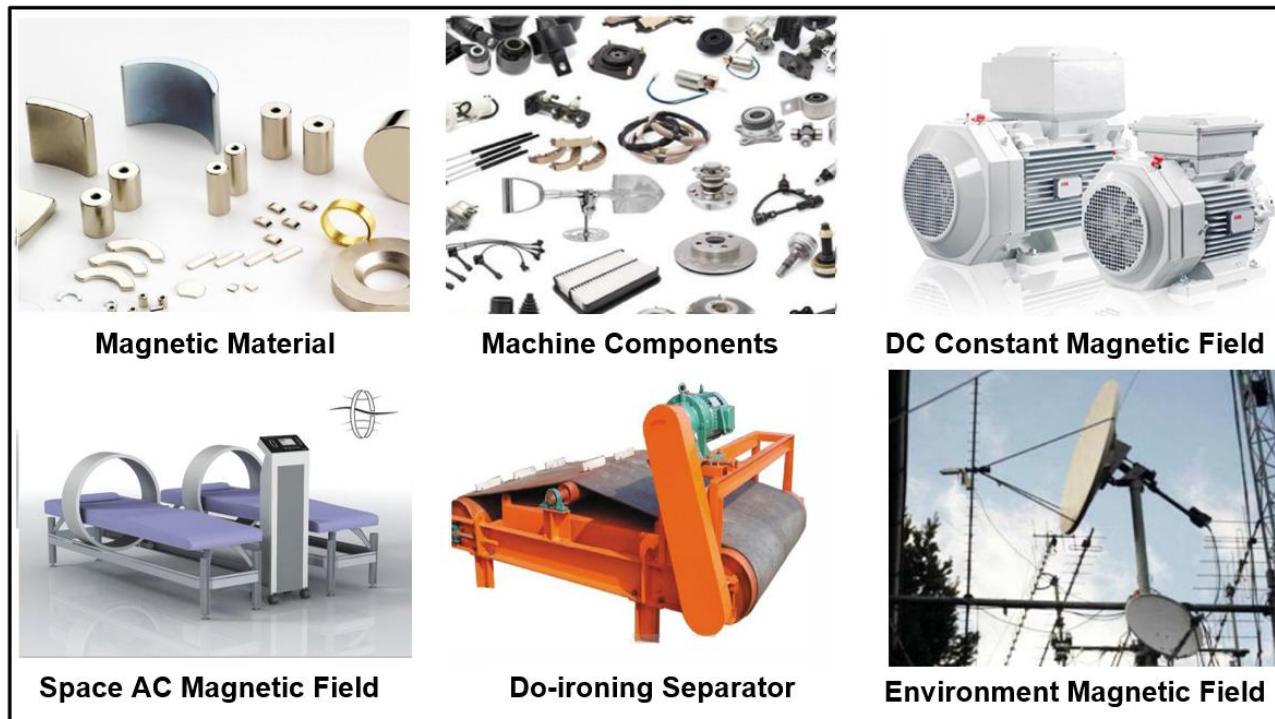
The **TM5340B** is a portable, multi-function meter that measures magnetic field, equipped with high sensitivity, low drift triaxial Hall sensor. It is applied for measuring the magnetic density value of DC or AC triaxial magetic field.

2. Features

- Range: 2 mT~3000 mT.
- Accuracy: class 5.
- Measuring XYZ component, vector synthetic value.
- Switching AC or DC mode.
- +/- polarity display.
- Unit switch: mT, G, A/m.
- Relative measurement mode.
- Max. hold function.
- Alarm of exceeding the upper / lower limit.
- Probe temperature compensation.
- Magnetic measurement data storage.
- Lithium battery, remaining power display.
- USB interface.

- Optional magnetic shielded cavity.

3. Application



4. Specifications

XYZ Range	30 mT	300 mT	3000 mT ^①
R Range	52 mT	520 mT	5200 mT
Resolution	1 µT	10 µT	0.1 mT
Measuring Range	2 mT~3000 mT		
Accuracy	DC: ±(0.5% + 200 µT), AC: ±(3% + 500 µT)		
Frequency Range	DC, 40 Hz~500 Hz		
Temperature Coefficient	± 0.06% / K		
Zero Drift	± 0.1 mT / h		
Display Digits	5		
Remark	① : Calibration only covers 2.5T		

5. General Specifications

Power Supply	4000 mAh lithium battery, USB charging
Temperature Performance	Operating temperature:0°C~45°C Storage temperature:-20°C~70°C
Humidity Performance	Working humidity:20%~80% R·H, non-condensing Storage humidity:< 85% R·H, non-condensing
Weight	About 500 g
Interface	Hall probe input interface, USB interface
Dimensions	90 mm(W) × 40 mm(D) × 165 mm(H)