GAUSS METER
GM280

The GM280 Gauss Meter is designed for measuring magnetic induction intensity across a wide range of magnetic fields, including DC magnetic fields, AC magnetic fields, radiation magnetic fields, remanence magnetic fields, and the Earth's magnetic field.

The probe sensor operates based on Hall effect technology. The internal circuitry features a low-drift amplifier with a highly stable power supply, managed by a single-chip microcontroller for precise signal processing. Measurement results are displayed on a high-resolution 4½-digit LCD, ensuring clear and accurate readings.

FEATURES

- Measure the magnetic induction intensity of AC and DC magnetic Field
- Portable unit with wide range 0~200mT~2000mT
- There are measurement/peak retention, mT/Gs unit conversion.
- 200mT/2000mT range conversion

TECHNICAL SPECIFICATION

Measuring range	0~200mT~2000mT
Frequency range	10Hz~200Hz
Accuracy	0~100mT 2%, above 100mT 5% (measured in a uniform magnetic field)
Resolution	DC 1:0.00~200.00mT 0.01mT DC 10:0.0~2000.00mT 0.1mT AC 1:0.00~200.00mT 0.01mT AC 10:0.0~2000.00mT 0.1mT
Magnetic field under test	DC magnetic field (static magnetic field) AC magnetic field (dynamic magnetic field)
Operating Conditions	Peak retention Gs (Gauss) /mT (Millitesla) can be switched freely
DC polarity of measurement	N for positive, S for negative
Operating Conditions	5℃~40℃
Relative humidity	20%~80% （There is no dew）
Power Supply	4 x 1.5V AA size
Dimension	140 x 73 x 30 mm
Weight	180 g (Not Including Batteries)
Accessories	Main engine , Hall Sensor