

AC / DC Magnetic Field Meter

TM-197

Features

- ◆ The meter is a reliable instrument for measuring the existing magnetic field.
- ◆ It's suitable for measuring both static (permanent magnet) and alternating magnetic fields.
- ◆ The flat probe of the external probe allows the measurements even in very small openings.
- ◆ Measures the magnetic field with wider range up to 30,000G, it also measures the temperature at the same time.
- ◆ The adjustable alarm function warns the operator immediately as soon as a set measured value is exceeded.



Specifications

- ◆ 5-digit LCD with backlit function.
- ◆ Data hold
- ◆ MAX / MIN hold.
- ◆ Auto / Manual range.
- ◆ Relative / Peak Hold / Real time Zero function.
- ◆ Auto power off with disable function.
- ◆ Manual recording stores 200 data.
- ◆ USB datalogging capacity up to 7000 records, the interval time is set up by PC.
- ◆ The REC function from the PC software records data in real time and allows operators to save it in the PC.
- ◆ GO and NO-GO alarm with value set up function for production testing.
- ◆ MAX/MIN/AVG: downloaded the datalogging data to the computer, automatically sort out the calculation of the top 10 maximum / 10 minimum / average.
- ◆ Power: LR03 (AAA) 1.5V battery x 6.
- ◆ External AC 100~240V to DC 9V/0.5A power supply.

Measuring range:

0~300 milli-Tesla (mT), 0~30000 Gauss (G)

Accuracy at 23 ±5°C, <80%RH

Specifications	Range	Resolution	Accuracy
DC milli Tesla	300.00 mT	0.01 mT	±(4% + 10dgt)
	2000.0 mT	0.1 mT	
	2000.1 ~ 3000.0 mT	0.1 mT	N / A
DC Gauss	3000.0G	0.1G	±(4% + 10dgt)
	20,000G	1G	
	20,001 ~ 30,000 G	1G	N / A
AC milli Tesla	150.00mT	0.01 mT	±(5% + 20dgt)
	1500.0mT	0.1 mT	
AC Gauss	1500.0G	0.1G	
	15,000G	1G	

Unit selection of milli-Tesla (mT) and Gauss (G), 1mT=10G.

Temperature

Range	-20~50°C/-4~122°F
Resolution	±0.1°C/±0.1°F
Accuracy	±1.0°C/±1.8°F