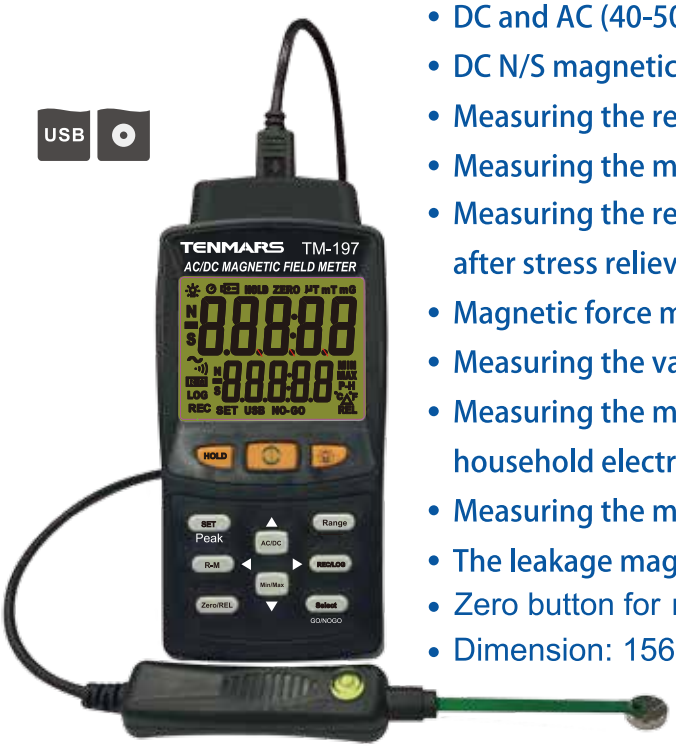
TENMARS
SOUNDTEK SIRIUS

AC/DC
Magnetic Field Meter

TM-197



Features

- DC and AC (40-500Hz) magnetic field measurements
- DC N/S magnetic polarity indication
- Measuring the residual magnetism of machining parts
- Measuring the magnetic field intensity of various magnetism-applied products
- Measuring the residual magnetism of the machined stainless steel after stress relieving
- Magnetic force measurement of the magnetic materials
- Measuring the various steels with natural remnant magnetism (NRM)
- Measuring the magnetic field intensity of the motors for the household electrical appliances
- Measuring the magnetic field intensity of the permanent magnet
- The leakage magnetic field measurement of the superconducting magnet (SCM)
- Zero button for magnetic function
- Dimension: 156 x 73 x 35 mm (L x W x H)

Specification

- Backlit LCD display
- Relative/ Peak Hold / Real Time Zero functions
- Auto Power off with disable
- Auto Range
- Stores 200 record-recall manually
- MAX/MIN Hold
- Data Hold
- Measuring range: 0~3000mT (milli Tesla), 0~30000G (Gauss)
- Unit: milli Tesla and Gauss, 1mT (milli Tesla)=10G(Gauss)
- Datalogging capacity up to 6000 records, setting the interval time from PC
- Automatically sort out the downloaded records from the datalogger with the top 10 (MAX. reading), bottom 10 (MIN. reading) and 10 average values
- Operation condition: 5℃ ~ 40℃, <80% RH
- REC function to store the data immediately to PC when the meter is connected
- GO and NO-GO alarm design with values setting function for the production testing
- Power: LR03(AAA) 1.5V x 6 batteries or DC adaptor 9V/0.5A (9mm)

Accuracy at 23 ±3°C, RH <85%

Specifications	Range	Resolution	Accuracy
DC milli Tesla	300.00mT	0.01mT	±(3% + 10dgt)
	3000.0mT	0.1mT	±(4% + 10dgt)
DC Gauss	3000.0G	0.1G	±(3% + 10dgt)
	30,000G	1G	±(4% + 10dgt)
AC milli Tesla	150.00mT	0.01mT	±(5% + 20dgt)
	1500.0mT	0.1mT	
AC Gauss	1500.0G	0.1G	
	15,000G	1G	

Automatic Temperature Compensation

Temperature

Range	-20~50℃/-4~122℉
Resolution	±0.1℃/±0.1℉
Accuracy	±1.0℃/±1.8℉