



TM-191...Magnetic Field Meter (Gauss Meter)



Features

- Switch between the display of Micro-Tesla and Mini-Gauss is available.
- Data Hold (HOLD), Bmaximum (MAX) HOLD function.
- Range display (20, 200, 2000).
- Low battery and Overload indication.

Applications

- Instrument is capable of measuring the electromagnetic field radiation intensity that is produced from electric transmission power line equipment.
- Useful in servicing microwave ovens, air conditioners, refrigeration equipment, computer monitors, and video/audio devices.

Magnetic Field Units

- Tesla (T), Gauss (G), mini-Gauss (mG), or micro-Tesla (μ T).
- 1T = 10000G, 1 μ T = 10mG, 1G = 1000mG

Specifications

Display	3-1/2 digit LCD, maximum reading 1999
Measuring Range	200mG, 2000mG, 20 μ T, 200 μ T
Resolution	0.1mG, 1mG, 0.01 μ T, 0.1 μ T
Frequency Response	30Hz to 300Hz
Sensor	Single Axis
Accuracy	$\pm(2.5\% + 6\text{dgt})$ at 50/60Hz
Sample Rate	2.5 times/second
Power Supply	Battery 9 volt, NEDA 1604, IEC 6F22, or JIS 006P
Battery Life	200 hours Approx.
Operating Temperature/Humidity	5°C to 40°C, Humidity below 80% R.H.
Dimensions	130mm (L) x 56mm (W) x 38mm (D)
Weight	180g Approx.
Included Accessories	User's manual, 9 volt battery and carrying case