

## Model TM



TM - 501

## TeslaMeterModelTM

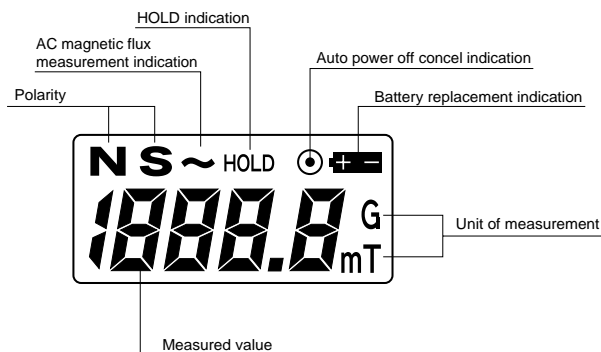
<Meter conforming with new Weight and Measure Act>  
 The TESLA meter is a practical, handy type Gaussmeter having digital display that has been developed based on KANETEC's long experience and achievements in the manufacture of magnetism-applied products. From the user's point of view, this meter is designed for easy use by anyone by incorporating frequently used functions only.

### [ Application ]

- Measurement of residual magnetism in machined works.
- Measurement of magnetic flux in magnetism-applied products.
- Measurement of magnetic flux of motors.
- Measurement of properties of magnetic materials.
- Inspection of mechanical stress in stainless steel products.
- Measurement of magnetic flux of magnets.
- Inspection of natural magnetization of various steel materials.

### [ Features ]

- Small size and light weight.
- Large and easy-to-read display.
- The alternate magnetic flux density, in addition to direct magnetic flux density, can be measured. (50/60 Hz)
- A wide measuring range from 0 to 1500 mT (0 - 15,000 G). (Direct current)
- The high resolution measuring mode ensures more accurate measurement. (Resolution 0.01 mT = 0.1 G)
- The unit of display can be changed over between " mT " and " G ".
- High dustproof by use of sheet keys.
- The energy-saving design has improved the battery life considerably.
- The auto power off function prevents useless waste of the battery.
- The probes can be replaced without troublesome calibration.



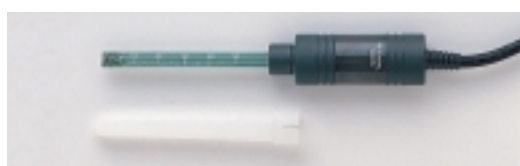
About New Weight and Measure Act  
 As from October 1, 1997, it has become mandatory to use the unit " T " (Tesla) in place of " G " (Gauss) as the unit of magnetic flux density in trade and certification. Weight and Measure Act legally sets forth the units for weight and measurement and prohibits the use of units other than legally established units in trade and certification.

( 1mT = 10G )

Model	TM-501				Function	Zero reset	Polarity indication
	Detecting Contents	DC magnetic flux density		AC magnetic flux density		Display	Max. detect value hold
Polarities ( N, S )		( 50 / 60Hz )		Mode	Detect value		Numeric value ( digital )
Measuring	mT/G selection		IT = 10000G		Operating Temperature	Polarity	Alphabets ( N/S )
	Indication Range					Power Source	0 ~ + 40
Measuring Mode	Measuring mode	Measuring range	Resolution	Indication accuracy	Dimension		Battery SUM-3 ( 1.5 V ) x 4 pieces
						Analytical Ability	Indication Accuracy
Measuring Range	DC x 1	0 ~ 200.0mT	0.1 mT	± ( 5% of rdg. + 3digit )	Mass		
	DC x 10	200.1 ~ 1500.0mT	1 mT	± ( 5% of rdg. + 10digit )			
Measuring Range	DC x 1	0 ~ 200.0mT	0.1 mT	± ( 5% of rdg. + 20digit )	Accessories	Probe, batteries and carrying case	
		200.1 ~ 750.0mT	1 mT				
Analytical Ability	AC x 1	0 ~ 200.0mT	0.1 mT	± ( 5% of rdg. + 20digit )			
		200.1 ~ 750.0mT	1 mT				
Indication Accuracy	AC x 10	0 ~ 75.00mT	0.01mT				
		0 ~ 75.00mT	0.01mT				

The measuring ranges are automatically selected. Note: This product is not designed for measurement of electromagnetic waves.

## Measurement Probe for Tesla Meter Model TM



Measuring probe special for TM-501. It can be replaced without troublesome calibration and therefore, it can be kept as a spare in stock.

A measuring probe specially designed for TM-501. It can be replaced without troublesome calibration and therefore, it may be kept as a spare in stock.

Model	Applicable Mode	Tip Dimensions	Cord Length	Mass
TM-501PRB	Special for TM-501	( T ) 1 ( 0.03 ) x ( W ) 8 ( 0.23 ) x ( L ) 65 ( 2.55 )	1000 ( 39.3 )	50g/0.11 lb ( with probe cap )