

Model TM TESLA METER

Industry Standard for handheld devices

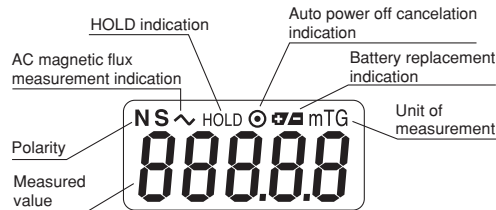
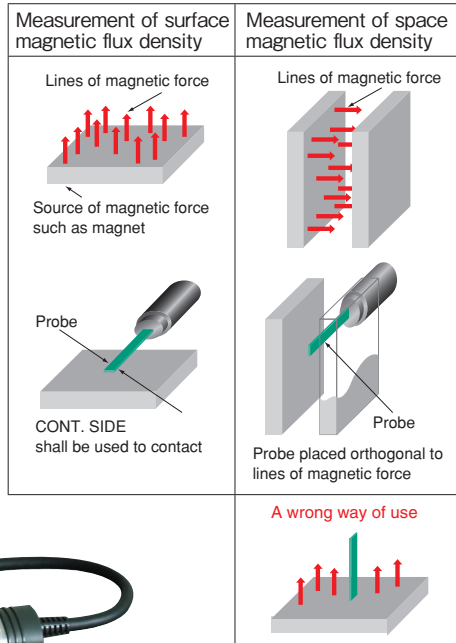
Meter in Compliance with New Measurement Law

Measuring data output function incorporated

3T (300G) Corresponding for



TM-701



Model		TM-701		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)			Auto power off (can be canceled)	
Measuring	mT/G selection		IT=10000G		Mode	Detection value	Numeric value (digital)
						Polarity	Alphabets (N/S)
Indication Range	0—3000.00mT			Operating Temperature	0—+40°C (104° F)		
Measuring Mode	Measuring mode	Measuring range	Resolution	Indication accuracy	Power Source	Battery SUM-3 (1.5 V) × 4 pieces	
		DC × 1*	0— 200.0 mT	0.1 mT		± (5% of rdg.+ 3digit)	Dimensions
Measuring Range	DC × 1*	200.1—3000.0 mT	1 mT	± (5% of rdg.+ 10digit)	Mass	Approx. 250 g/0.55 lb (including batteries and probe)	
		DC × 10	0— 300.00mT	0.01mT		± (5% of rdg.+ 5digit)	Accessories
Resolution	AC × 1*	0— 200.0 mT	0.1 mT	± (5% of rdg.+ 20digit)	Option	Digital output cable (TM-601DTC)	
		200.1—1500.0 mT	1 mT			Axial probe (TM-701AXL)	
Indication Accuracy	AC × 10	0— 150.00mT	0.01mT				

(1mT=10G)

※ The measuring ranges are automatically selected.

Note: This product is not designed for measurement of electromagnetic waves.

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.

The external output terminal is also provided to enable digital or analog outputs. Further, the probe has been made smaller for measurement in smaller space.

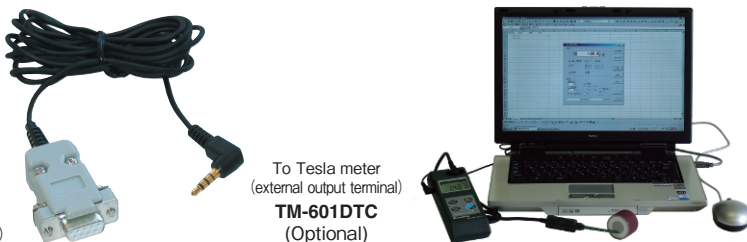
[Application]

- Measurement of residual magnetism in machined workpieces.
- Measurement of magnetic flux in magnetism-applied products.
- Measurement of magnetic flux of motors.
- Measurement of properties of magnetic materials.

[Features]

- A wide range of measuring range from 0 to 3000 mT (0 — 30,000 G). (DC)
- The battery life has been increased by about 30%.
- The rigidity of the probe has been increased.
- The meter can be operated with a chargeable battery also.
- By connecting an optional cable (TM-601DTC) to the external output terminal, digital (analog possible) data can be transferred to a PC.
- The alternate magnetic flux density, in addition to direct magnetic flux density, can be measured. (50/60 Hz)
- 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 auto power off function prevents useless waste of the battery.
- When the probe has been worn out, it can be replaced with a new one without troublesome calibration. (Optional)

Model TM DIGITAL SIGNAL OUTPUT CABLE FOR TESLA METER



[Application]

Optional cable connects the TM-701 Tesla Meter to a PC for recording of data.

[Features]

- Monitor and record measured data to PC.
- Data can be shown in excel spreadsheet form
- Free Sample programs can be downloaded from our Kanetec home page

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