

# Large improvement of performance! And keeping the usability of TM-701!

## Model TM TESLA METER



### Specifications and main features

(for the comparison with previous model TM-701.)

#### The wide expanded range of measuring!

- Mode Accuracy of high resolution for measurement on DC magnetic flux density, is now improved.
- Range covering frequency for measuring AC magnetic flux density is expanded.(40 ~ 500Hz)

#### Max.160 hours of operating time & high speed sampling!

- Sampling speed is improved 1.5 times when measuring in the hold mode.
- Measuring time increases 20% for continuous operation with alkali batteries.
- Tesla Meter can be operated with batteries, chargeable batteries and AC power supply.

#### Simple operation with your PC!

- Measured data is now read by your computer with outer digital output though USB.
- New free sample software is newly produced to respond with Windows XP/7/8.



INPUT TERMINAL FOR AC POWER SUPPLY



INPUT TERMINAL FOR USB

### [Application]

- Measurement of residual magnetism in machined parts, in stamped parts, and in demagnetized parts.
- Measurement of magnetic flux in magnets and magnetism applied products.
- Measurement of magnetic flux of motors.
- Measurement of properties of magnetic materials.

## TM-801 Features

[mm(in)]

Model	TM-801				Function	Zero reset	Polarity indication
	Detecting Contents	DC magnetic flux density		AC magnetic flux density		Output	Max. detect value hold
Polarities (N, S)		(40~500Hz)		Mode	Detection value		Numeric value (digital)
Measuring	mT				Operating Temperature	Polarity	Alphabets (N/S)
Indication Range	0—3000.0mT					Power Source	0—+40°C (104° F)
Measuring Mode	Measuring mode	Measuring range	Resolution	Indication accuracy	Dimensions		Battery SUM-3(1.5 V) × 4 pieces DC5-6V adapter input/ USB
	Measuring Range	DC × 1*	0— 200.0 mT	0.1 mT		± (5% of rdg.+ 3digit)	Mass
Resolution		DC × 10	200.1—3000.0 mT	1 mT	± (5% of rdg.+10digit)	Accessories	
	Indication Accuracy	AC*	0— 300.00mT	0.01mT	± (3% of rdg.+ 5digit)		Option
150.1— 300.0 mT			0.1 mT	± (5% of rdg.+20digit)	Axial probe (TM-801AXL)	Reference magnetic field for Tesla Meter(TM-SMF)	
301.0—1500.00mT			1 mT				

※ The measuring ranges are automatically selected.

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

## Model TM

## MEASUREMENT PROBE FOR TESLA METER



TM-801PRB



TM-801AXL (Optional)



Object to measure

(An example of usage of TM-801AXL)

- A probe dedicated to TM-801. Please keep this probe as a spare; it can be replaced without troublesome calibration. In addition to the standard PRB (transverse type), an axial type (AXL) capable of measurement in the vertical direction and having higher durability is optionally available.

[mm(in)]

Model	Applicable Model	Tip Dimensions	Cord Length	Mass
TM-801PRB	※ Only for TM-801	(T)1.0(0.03)×(W)3.5(0.13)×(L)65(2.55)	1000 (39.3)	50g/0.11 lb
TM-801AXL		φ13 (0.51)×55 (2.16)		

※ Can be used with Kanetec's conventional TM-501, TM601 and TM-701.