TESLA METER（磁束密度計）TM-901EXP

DISPLAY

- "REAL" and "PEAK HOLD" are displayed at the same time.
- A light can be tuned ON and OFF manually.



DETECT MODE

The magnetic flux density measurements range can be set by user and has a buzzing sound when in range.

MESUREMENT RANGE : 0~3000.0mT



USB Type C

FREE Software





CE Marking



Flat grip

Features

Model	TM-901 EXP			
Object to detect	DC magnetic flux density Polarities (N, S)		AC magnetic flux density 40-500Hz	
Unit of measurement	mT/G both of two modes switchable			
Measurement range	0～3000.0mT			
Measurement mode / Measuring range / Resolution / Indication accuracy	Measurement mode	Measuring range	Resolution	Indication accuracy
	DC×1※	0～200.0mT	0.1mT	±(5% of rdg.+ 3digit)
		200.1～3000.0mT	1mT	±(5% of rdg.+10digit)
	DC×10	0～300.00mT	0.01mT	±(3% of rdg.+ 5digit)
	AC※	0～150.00mT	0.01mT	±(5% of rdg.+20digit)
		150.1～300.0mT	0.1mT	
		301.0～1500.00mT	1mT	

Function	Zero reset	Polarity judgment
	Max. detect value hold	Auto power off (Cancellable)
Output	Digital output (USB) / Analog output	
Indication	Detected value	Digital
	Polarity	Alphabets (N/S)
Operating temperature	0 ～ +40℃ (104° F)	
Power source	Battery:Size AA(1.5 V) X 4 pieces External power source 5 - 6 VDC(USB feed)	
Dimensions	143mm(5.62in) high×64mm(2.51in) wide×36mm(1.41in) thick	
Mass	Approx. 290g(0.63lb) (batteries & probe included)	
Accessories	Probe(TM-901PRB), Batteries, Carrying case	
Optional	Axial probe (TM-901AXL) Reference magnetic field (TM-SMF、TM-AMF)	

*The measuring range is automatically selected. Note: This meter is not designed for measurement of electromagnetic waves.

Option / Accessories

Model TM MEASUREMENT PROBE FOR TESLA METER



TM-901PRB



TM-901AXL
(Optional)



〈An example of usage of TM-901AXL〉

[Application]

A measurement probe for TM-901.

[Features]

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 vertical measurement and having high durability is optionally available.

[mm(in)]

Model	Applicable Model	Tip Dimensions	Cord Length	Mass
TM-901PRB	Only for TM-901※	(T)1.0(0.03)×(W)3.5(0.13)×(L)65(2.55)	1000 (39.4)	50g/0.11lb (Including probe cap)
TM-901AXL		φ13(0.51)×55(2.16)		

※Can be used with Kanetec,s conventional models TM-501,TM-601,TM-701and TM-801.

Model TM-SMF/TM-AMF REFERENCE MAGNETIC FIELD FOR TESLA METER



TM-SMF-050

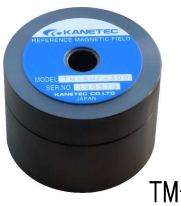
For standard probe

Applicable probe:
TM-201
and later models

[mm(in)]

Model	Magnetic Flux Density ※	Dimensions Dia.	Dimensions Height	Mass
TM-SMF- 003	0.003T(30G)	φ43(1.69)	50(1.96)	Approx. 0.5kg/1.10lb
TM-SMF- 050	0.05T(500G)		40(1.57)	Approx. 0.4kg/0.88lb
TM-SMF- 300	0.3T(3000G)		30(1.18)	Approx. 0.3kg/0.66lb
TM-SMF-1000	1T (10000G)	φ73(2.87)	74(2.91)	Approx. 2.0kg/4.40lb

※The magnetic flux density is a nominal value. The measurement sheet included with the product shows the actual measured value of the product.



TM-AMF-300

For axial type probe

Applicable probe:
TM-601 AXL,
and later models

[mm(in)]

Model	Magnetic Flux Density※	Dimensions Dia.	Dimensions Height	Mass
TM-AMF-003	0.003T(30G)	φ70(2.75)	60(2.36)	Approx. 1.4kg/3.08lb
TM-AMF-050	0.05T(500G)		55(2.16)	Approx. 1.3kg/2.86lb
TM-AMF-300	0.3T(3000G)		50(1.96)	Approx. 1.2kg/2.64lb

※The magnetic flux density is a nominal value. The measurement sheet included with the product shows the actual measured value of the product.

[Application]

- Daily check of the Tesla meter.
- When a calibration certificate of the reference magnetic field is obtained, the calibration of the Tesla Meter be comes economical.

[Features]

- The closed circuit construction employing a permanent magnet that causes less ma gnetic force leak is employed.
- Small and light weight.