

TESLA METER

TM-901EXP

(磁束密度計)

DISPLAY

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



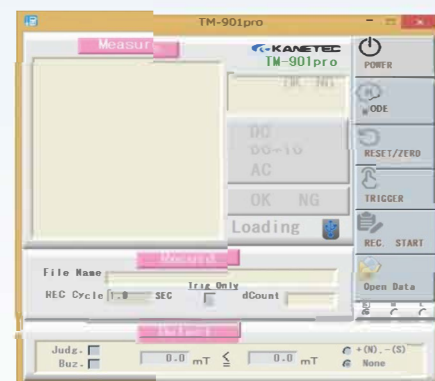
MESUREMENT RANGE : 0~3000.0mT



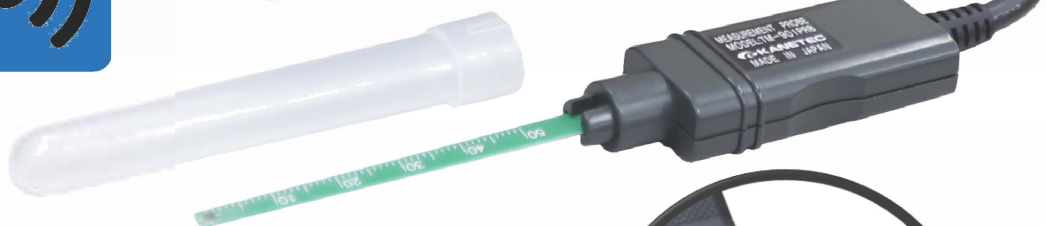
USB Type C

DETECT MODE

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

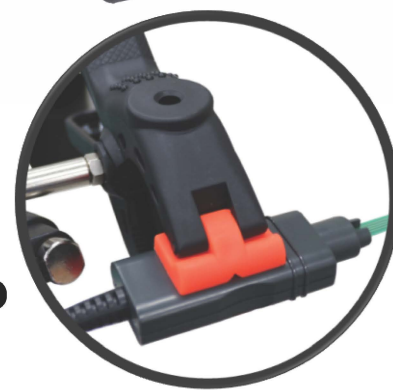


FREE Software



CE Marking

Flat grip



Features

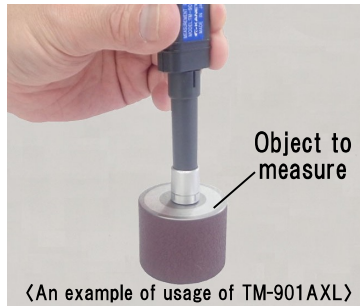
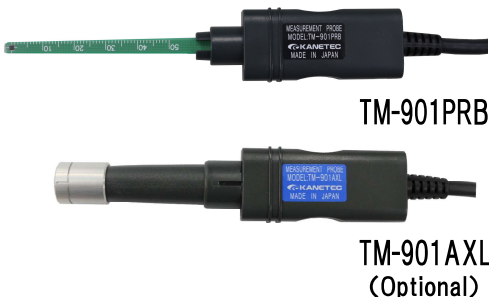
Model	TM-901 EXP				Function	Zero reset	Polarity judgment
Object to detect	DC magnetic flux density		AC magnetic flux density			Max. detect value hold	Auto power off (Cancellable)
	Polarities (N, S)		40-500Hz				
Unit of measurement	mT/G both of two modes switchable				Output	Digital output (USB) / Analog output	
Measurement range	0~3000.0mT				Indication	Detected value	Digital
Measurement mode	Measurement mode	Measuring range	Resolution	Indication accuracy		Polarity	Alphabets (N/S)
	DC×1※	0~200.0mT	0.1mT	±(5% of rdg.+ 3digit)	Operating temperature	0 ~ +40℃ (104° F)	
		200.1~3000.0mT	1mT	±(5% of rdg.+10digit)	Power source	Battery:Size AA(1.5 V) X 4 pieces External power source 5 - 6 VDC(USB feed)	
	Measuring range	DC×10	0~300.00mT	0.01mT	±(3% of rdg.+ 5digit)	Dimensions	143mm(5.62in) high×64mm(2.51in) wide×36mm(1.41in) thick
Resolution	AC※	0~150.00mT	0.01mT	±(5% of rdg.+20digit)	Mass	Approx. 290g(0.63lb) (batteries & probe included)	
Indication accuracy		150.1~300.0mT	0.1mT		Accessories	Probe(TM-901PRB), Batteries, Carrying case	
		301.0~1500.00mT	1mT		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



[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.

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-701 and TM-801.

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



[For standard probe]

Applicable probe:
TM-201
and later models

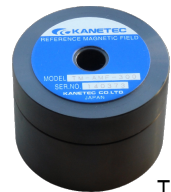
TM-SMF-050

Model	Magnetic Flux Density ※	Dimensions		Mass
		Dia.	Height	
TM-SMF-003	0.003T(30G)	φ 43(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)	φ 73(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.

[Application]

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



[For axial type probe]

Applicable probe:
TM-601 AXL,
and later models

TM-AMF-300

Model	Magnetic Flux Density ※	Dimensions		Mass
		Dia.	Height	
TM-AMF-003	0.003T(30G)	φ 70(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.

[Features]

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

FOR MORE INFORMATION PLEASE CONTACT:

BHAGWATI

Hardware & Mill Store Since 1976

Address: 4769, 1ST Floor, Old Post Office Building,

Hauz Qazi, Delhi - 110006

Mobile: 9212012856, 9350076343

Website: www.bhagwathardware.com

www.bhagwathardwaredelhi.in

E-mail: sandeep@bhagwatimail.com

AN ISO 9001 : 2015 CERTIFIED COMPANY

DEMAGNETIZERS

Model KMDP PEN TYPE DEMAGNETIZER



For both AC and DC

[Application]

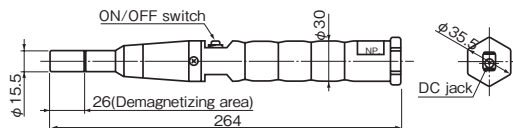
Recommended where magnetism on the surface of metallic workpieces in general needs to be reduced in a limited area or locally.

This is useful to completely eliminate weak magnetism that remains locally in jigs and workpieces after they have been demagnetized by a large demagnetizer. It is also useful for demagnetizing cutters of machines and punches and guide pins of press dies while they are mounted.

[Features]

- Compact and powerful as a rare earth magnet having strong magnetic force is used at the end of the rotary magnetic field.
- A re-chargeable battery is used as a power source of the motor. No need to replace the battery. Power can also be supplied with the included AC adapter if the battery has reached its life.
- Simple construction and simple appearance.
- An environment friendly nickel hydrogen battery is used.

KMDP-16A



Model	Battery Rating	Mass
KMDP-16A	2.4V2000mAh	0.3kg/0.6lb

※The AC adapter (input 100 VAC, 50/60 Hz, output 2.7 VDC, 0.5 A, cord length 1.9 m) is included as a standard accessory.

Model KMDH HANDY TYPE DEMAGNETIZER



KMDH-5A

[Application]

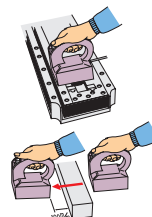
Suitable for demagnetizing tools such as drills, cutting tools, cutters and magnetized slide calipers. These can also be used for demagnetizing large steel plates partially.

[Features]

- Compact and handy.

How to use

- The demagnetizer is turned on while the pushbutton switch is held pressed and turned off when you release it.
- The button must be held pressed while demagnetizing is going on.
- Turn off the demagnetizer after it has been moved more than 100 mm away from the demagnetized workpiece.



[mm (in)]

Working rate 70% ED (Power on 7 minutes and pause 3 minutes)

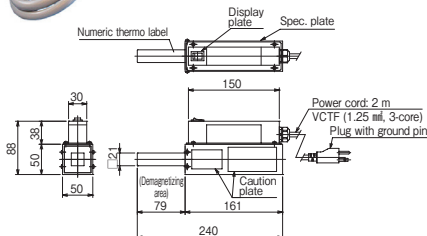
Model	Power Source	Source Capacity	Effective Demag. Width	Dimensions			Mass
				Width	Length	Height	
KMDH-5A	Single-phase 100 VAC, 50/60 Hz	80/70VA	50 (1.96)	86 (3.38)	106 (4.17)	119 (4.68)	2.3kg/5.1 lb

※The height is up to the grip. ※2 m cord is included. The plug is provided with a ground pin. ※A different-voltage type (special type) is also available. ※The power plug is of tracking resistance type.

Model KMDH-P PINPOINT TYPE DEMAGNETIZER



KMDH-P21



[Application]

An alternating field is produced at the tip and bottom by an AC power source, which is brought into contact with a workpiece and then moved away. Then the magnetic flux density on the surface is reduced locally. This demagnetizer works effectively in demagnetizing molds and large materials partially.

[Features]

- Since this demagnetizer produces a strong magnetic field at the tip, it can effectively demagnetize places that are difficult to demagnetize with a conventional table type or handy type demagnetizer.
- The magnetizing effect is powerful, but the attracting force is not strong. Thus, the tip part can be brought into contact with a small area for easy handling.
- A thermo label is attached to the tip part, which warns a temperature rise due to frequent, repeated use. When the thermo label appears, stop using the demagnetizer until it goes out.

Model	Power Source	Source Capacity	Working Rate	Mass
KMDH-P21	Single-phase 100 VAC, 50/60 Hz	570/380VA	20% ED, 10 seconds max.	3kg/6 lb

※The power plug is of tracking resistance type.

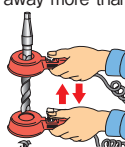
Model KMDC TOOL DEMAGNETIZER



Demagnetization of magnetized tools such as drills, reamers and cutters and measuring instruments!

How to use

- Power is applied only while the pushbutton switch is held pressed for demagnetization.
- Turn off the demagnetizer after moving it away more than 100 mm from the demagnetized object.
- If the demagnetizer is turned on frequently, the body temperature rises. If the temperature rises too high, it is indicated by an overheat alarm seal. Stop using it for a while.



[Application]

Easy demagnetization of a wide variety of magnetized objects including tools such as drills, milling cutters, reamers and cutters, round workpieces and measuring instruments such as slide calipers.

[Features]

- Light weight, compact and easy operation.
- Fine chips sticking by attraction to drills, reamers, etc. can be removed while they remain mounted on machines.

[mm (in)]

Model	Power Source	Source Capacity	Working Rate	Remote Operation	Demag. Hole Dia.	Mass
KMDC-40	Single-phase 100 VAC, 50/60 Hz	72/67VA	20% ED, 1 minute max.	Momentary input by use of pushbutton	φ 40 (1.57)	0.9kg/2 lb

※Cord length 2.5 m (with curled cord). ※The power plug is of tracking resistance type.



KMDC-40

DEMAGNETIZERS

Model KMDP PEN TYPE DEMAGNETIZER



For both AC and DC

[Application]

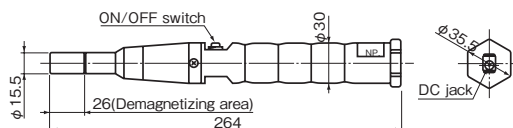
Recommended where magnetism on the surface of metallic workpieces in general needs to be reduced in a limited area or locally.

This is useful to completely eliminate weak magnetism that remains locally in jigs and workpieces after they have been demagnetized by a large demagnetizer. It is also useful for demagnetizing cutters of machines and punches and guide pins of press dies while they are mounted.

[Features]

- Compact and powerful as a rare earth magnet having strong magnetic force is used at the end of the rotary magnetic field.
- A re-chargeable battery is used as a power source of the motor. No need to replace the battery. Power can also be supplied with the included AC adapter if the battery has reached its life.
- Simple construction and simple appearance.
- An environment friendly nickel hydrogen battery is used.

KMDP-16A



Model	Battery Rating	Mass
KMDP-16A	2.4V2000mAh	0.3kg/0.6lb

※The AC adapter (input 100 VAC, 50/60 Hz, output 2.7 VDC, 0.5 A, cord length 1.9 m) is included as a standard accessory.

Model KMDH HANDY TYPE DEMAGNETIZER



KMDH-5A

[Application]

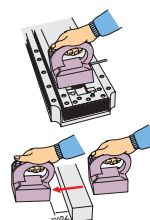
Suitable for demagnetizing tools such as drills, cutting tools, cutters and magnetized slide calipers. These can also be used for demagnetizing large steel plates partially.

[Features]

- Compact and handy.

How to use

- The demagnetizer is turned on while the pushbutton switch is held pressed and turned off when you release it.
- The button must be held pressed while demagnetizing is going on.
- Turn off the demagnetizer after it has been moved more than 100 mm away from the demagnetized workpiece.



[mm (in)]

Working rate 70% ED (Power on 7 minutes and pause 3 minutes)

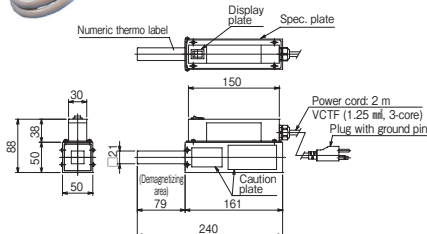
Model	Power Source	Source Capacity	Effective Demag. Width	Dimensions			Mass
				Width	Length	Height	
KMDH-5A	Single-phase 100 VAC, 50/60 Hz	80/70VA	50 (1.96)	86 (3.38)	106 (4.17)	119 (4.68)	2.3kg/5.1 lb

※The height is up to the grip. ※2 m cord is included. The plug is provided with a ground pin. ※A different-voltage type (special type) is also available. ※The power plug is of tracking resistance type.

Model KMDH-P PINPOINT TYPE DEMAGNETIZER



KMDH-P21



[Application]

An alternating field is produced at the tip and bottom by an AC power source, which is brought into contact with a workpiece and then moved away. Then the magnetic flux density on the surface is reduced locally. This demagnetizer works effectively in demagnetizing molds and large materials partially.

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- A thermo label is attached to the tip part, which warns a temperature rise due to frequent, repeated use. When the thermo label appears, stop using the demagnetizer until it goes out.

Model	Power Source	Source Capacity	Working Rate	Mass
KMDH-P21	Single-phase 100 VAC, 50/60 Hz	570/380VA	20% ED, 10 seconds max.	3kg/6 lb

※The power plug is of tracking resistance type.

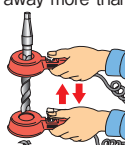
Model KMDC TOOL DEMAGNETIZER



Demagnetization of magnetized tools such as drills, reamers and cutters and measuring instruments!

How to use

- Power is applied only while the pushbutton switch is held pressed for demagnetization.
- Turn off the demagnetizer after moving it away more than 100 mm from the demagnetized object.
- If the demagnetizer is turned on frequently, the body temperature rises. If the temperature rises too high, it is indicated by an overheat alarm seal. Stop using it for a while.



[Application]

Easy demagnetization of a wide variety of magnetized objects including tools such as drills, milling cutters, reamers and cutters, round workpieces and measuring instruments such as slide calipers.

[Features]

- Light weight, compact and easy operation.
- Fine chips sticking by attraction to drills, reamers, etc. can be removed while they remain mounted on machines.

[mm (in)]

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KMDC-40

DEMAGNETIZERS

Model KMDP PEN TYPE DEMAGNETIZER



For both AC and DC

[Application]

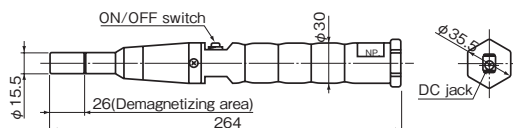
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- A re-chargeable battery is used as a power source of the motor. No need to replace the battery. Power can also be supplied with the included AC adapter if the battery has reached its life.
- Simple construction and simple appearance.
- An environment friendly nickel hydrogen battery is used.

KMDP-16A



Model	Battery Rating	Mass
KMDP-16A	2.4V2000mAh	0.3kg/0.6lb

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Model KMDH HANDY TYPE DEMAGNETIZER



KMDH-5A

[Application]

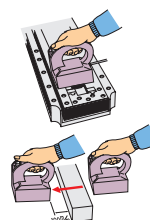
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[Features]

- Compact and handy.

How to use

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[mm (in)]

Working rate 70% ED (Power on 7 minutes and pause 3 minutes)

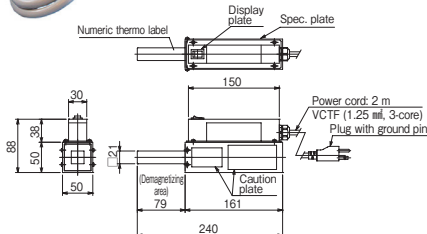
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Model KMDH-P PINPOINT TYPE DEMAGNETIZER



KMDH-P21



[Application]

An alternating field is produced at the tip and bottom by an AC power source, which is brought into contact with a workpiece and then moved away. Then the magnetic flux density on the surface is reduced locally. This demagnetizer works effectively in demagnetizing molds and large materials partially.

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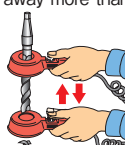
Model KMDC TOOL DEMAGNETIZER



Demagnetization of magnetized tools such as drills, reamers and cutters and measuring instruments!

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[Features]

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KMDC-40

DEMAGNETIZERS

Model KMDP PEN TYPE DEMAGNETIZER



For both AC and DC

[Application]

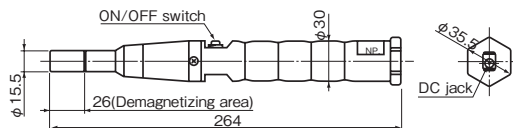
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KMDP-16A



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Model KMDH HANDY TYPE DEMAGNETIZER



KMDH-5A

[Application]

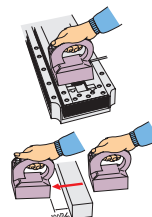
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[Features]

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How to use

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- The button must be held pressed while demagnetizing is going on.
- Turn off the demagnetizer after it has been moved more than 100 mm away from the demagnetized workpiece.



[mm (in)]

Working rate 70% ED (Power on 7 minutes and pause 3 minutes)

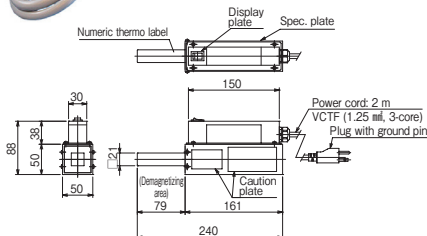
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Model KMDH-P PINPOINT TYPE DEMAGNETIZER



KMDH-P21



[Application]

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Model	Power Source	Source Capacity	Working Rate	Mass
KMDH-P21	Single-phase 100 VAC, 50/60 Hz	570/380VA	20% ED, 10 seconds max.	3kg/6 lb

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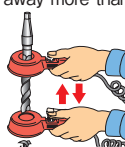
Model KMDC TOOL DEMAGNETIZER



Demagnetization of magnetized tools such as drills, reamers and cutters and measuring instruments!

How to use

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- Turn off the demagnetizer after moving it away more than 100 mm from the demagnetized object.
- If the demagnetizer is turned on frequently, the body temperature rises. If the temperature rises too high, it is indicated by an overheat alarm seal. Stop using it for a while.



[Application]

Easy demagnetization of a wide variety of magnetized objects including tools such as drills, milling cutters, reamers and cutters, round workpieces and measuring instruments such as slide calipers.

[Features]

- Light weight, compact and easy operation.
- Fine chips sticking by attraction to drills, reamers, etc. can be removed while they remain mounted on machines.

[mm (in)]

Model	Power Source	Source Capacity	Working Rate	Remote Operation	Demag. Hole Dia.	Mass
KMDC-40	Single-phase 100 VAC, 50/60 Hz	72/67VA	20% ED, 1 minute max.	Momentary input by use of pushbutton	φ 40 (1.57)	0.9kg/2 lb

※Cord length 2.5 m (with curled cord). ※The power plug is of tracking resistance type.



KMDC-40