MAGNETIC TOOLS & EQUIPMENT FOR WELDING OPERATION

LIFTING MAGNET

MAGBORE*

CHIP & SLUDGE CONVEYANCE EQUIPMENT / ENVIRONMENTAL EQUIPMENT

MAGNETIZER AND DEMAGNETIZER

MAGNETIC EQUIPMENT FOR CONVEYANCE

MAGNETIC SEPARATORS / POWERFUL MAGNETIC SEPARATORS

MEASURING TOOLS / MEASURING INSTRUMENTS

MAGNETIC MATERIALS

DEMAGNETIZERS

Model *KMDP* PEN TYPE DEMAGNETIZER

Non-watertight ✕

Environmentally friendly

For both AC and DC

KMDP-16A

[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.

ON/OFF switch ϕ30 ϕ35.5

ϕ15.5 | 26(Demagnetizing area) | NP | DC jack
264
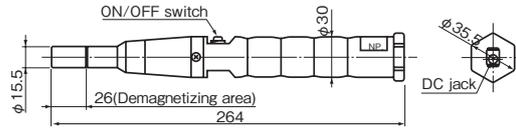
Model	Battery Rating	Mass
KMDP-16A	2.4V2000mAh	0.3kg/0.6lb

※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

Non-watertight ✕

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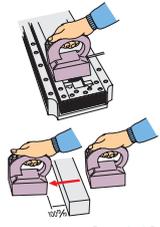
Working rate 70% ED (Power on 7 minutes and pause 3 minutes)

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

Non-watertight ✕

KMDH-P21
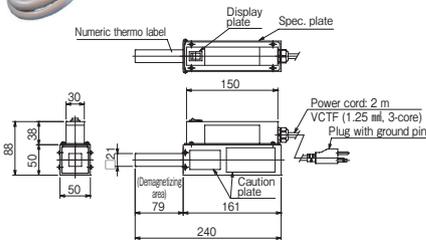
[Application]
An alternating field is produced at the tip and bottom by an AC power source, which is brought into contact with a workpiece and then moved away. Then the magnetic flux density on the surface is reduced locally. This demagnetizer works effectively in demagnetizing molds and large materials 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.

Numeric thermo label | Display plate | Spec. plate
150
30 | Power cord: 2 m VCTF (1.25 ㎟, 3-core) Plug with ground pin
88 | 50 | 38
121
50 | Demagnetizing area | Caution plate
79 | 161
240

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

Non-watertight ✕

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

Overheat alarm seal attached

KMDC-40

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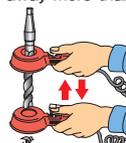
[Application]
Easy demagnetization of a wide variety of magnetized objects including tools such as drills, milling cutters, reamers and cutters, round workpieces and measuring instruments such as slide calipers.

[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	ϕ40(1.57)	0.9kg/2 lb

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