MAGNETIC FIELD GENERATOR

Model MFG

[Application]
Produces a powerful magnetic field for magnetization of magnetic materials and seed magnetic field treatment in agriculture and gardening.

[Features]
● A simple configuration for installation within a floor area less than 1 m².

Main unit

<table>
<thead>
<tr>
<th>Model</th>
<th>Rating</th>
<th>Magnetic Flux Density</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFG-300</td>
<td>260 VDC-21A</td>
<td>Max.2T (20kg)</td>
<td>2800kg/6173 lb</td>
</tr>
</tbody>
</table>

Controller

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Output</th>
<th>Dimensions</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>LMT-230</td>
<td>3-phase 200 VAC</td>
<td>260 VDC-Max.30A</td>
<td>Width: 800 (31.5&quot;) Depth: 400 (15.7&quot;) Height: 1800 (70.8&quot;)</td>
<td>250kg/551 lb</td>
</tr>
</tbody>
</table>

Measuring and controlling magnetic flux density

3T (30 kg) supported

Tesla meter (Magnetic flux density meter) TM-801

Reference magnetic field for Tesla meter TM-SMF

Magnetic polarity checker PC

For details, see page 163.
For details, see page 164.
DEMAGNETIZERS

**How to Demagnetize and Precautions for Use**

- **Be sure to observe the working rate.**
- **Move a workpiece over the demagnetizing surface slowly in the direction of A-B.** Note that the workpiece must be moved more than 20 cm away from the end of the demagnetizer to be demagnetized effectively. (Table type)
- **When the tunnel type demagnetizer is used, pass the workpiece through the tunnel.**
- **The recommended time for passing the workpiece is about 5 seconds.** (Recommended speed: 3 to 5 m/min)
- **Some demagnetizers may be heated to very high temperature due to electromagnetic induction action. Exercise caution when handling them.**
- **If there is any other metal near the demagnetizer, it may also be heated.** Keep such metal at least 5 cm away from the demagnetizing surface, and approx. 30 cm or more away when the tunnel type demagnetizer is used. However, if such separation is not possible, use plastics or nonmagnetic materials such as SUS304 for peripheral machinery.
- **The strong magnetic field produced by the demagnetizer may cause the CRT of computer and NC units to flicker. It will not adversely affect the operation of these equipment, but if it causes a recognition problem, such measures must be taken as keeping the CRT away from the demagnetizer or installing a magnetic shield on the CRT side.**
- **The demagnetizers have large inductance and low power factor. Take influence on the power source into consideration.**
- **The standard models cannot be used on 220 VAC, 50 Hz. For such application, please contact us.**
- **The demagnetization effect varies largely depending on the condition of workpieces. In particular, some materials are very difficult to demagnetize depending on the condition of heat treatment.**
- **If you send samples of workpieces, we will check the demagnetization effect for you.**

**Caution: High temperature**

**Model KMD**

**TABLE TYPE DEMAGNETIZER**

Compact but improved demagnetizing performance!

**[Application]**

These demagnetizers produce an alternating magnetic field on the surface by use of an AC power source, through which workpieces are passed to remove the magnetism remaining on their surface.

**[Features]**

- **Thick workpieces can be demagnetized effectively by moving both the face and the back over the demagnetizer.**
- **These demagnetizers have good heat radiation and can withstand continuous power-on condition.**
- **These demagnetizers are very powerful and can demagnetize steel materials that have properties similar to magnetic steel and have large magnetism holding power such as high-speed steel, bearing steel, nickel-chrome steel, spring steel, die steel, etc. that are usually difficult to demagnetize.** (KMD-2A, KMD-30C to 50C)

**If you plan to install the demagnetizer in the vertical direction or opposite direction, please contact us.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Power Capacity (Current)</th>
<th>Working Rate</th>
<th>Effective Demag. Width</th>
<th>Dimensions</th>
<th>Mass (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMD-2A</td>
<td>3-phase 200 VAC, 50/60 Hz</td>
<td>3.2kVA (5.8A)</td>
<td>100%ED</td>
<td>160 (6.5)</td>
<td>140(6.9)</td>
<td>254 (9.6)</td>
</tr>
<tr>
<td>KMD-15C</td>
<td>Single-phase 100 VAC, 50/60 Hz</td>
<td>1.4kVA (1.4A)</td>
<td></td>
<td>80 (3.15)</td>
<td>150 (5.0)</td>
<td>120 (4.72)</td>
</tr>
<tr>
<td>KMD-30C</td>
<td>3-phase 200 VAC, 50/60 Hz</td>
<td>0.74kVA (3.7A)</td>
<td></td>
<td>130 (5.1)</td>
<td>200 (7.9)</td>
<td></td>
</tr>
<tr>
<td>KMD-40C</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>1.84kVA (3.2A)</td>
<td></td>
<td>180 (7.0)</td>
<td>300 (11.8)</td>
<td></td>
</tr>
<tr>
<td>KMD-50C</td>
<td>Single-phase 220 VAC, 60Hz</td>
<td>1.28kVA (6.4A)</td>
<td></td>
<td>280 (11.0)</td>
<td>400 (15.7)</td>
<td>200 (7.87)</td>
</tr>
</tbody>
</table>

*Cable, 2 m, included. *KMD-15C/20C come with a ground plug. *A different-voltage type (special type) is also available.

**Model KMDM**

**WHEELED MOBILE DEMAGNETIZER**

Mobile demagnetizer to easily demagnetize large steel plates!

**[Application]**

Suitable for demagnetizing large steel plates that are difficult to move.

**[Features]**

- **This is a demagnetizer that is moved instead of moving a workpiece.** Therefore, the entire steel plate can be demagnetized.
- **This demagnetizer is equipped with wheels and grip to ensure smooth movement over steel plate.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Power Capacity (Current)</th>
<th>Working Rate</th>
<th>Effective Demag. Width</th>
<th>Dimensions</th>
<th>Mass (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDM-20</td>
<td>Single-phase 100 VAC, 50/60 Hz</td>
<td>300/250kVA (3/2.5A) (50/50Hz)</td>
<td>100%ED</td>
<td>B200 (7.87) × L199 (7.83) H76 (5.6)</td>
<td>7kg/15.4 lb</td>
<td></td>
</tr>
</tbody>
</table>

*Power cord, 2 m, included. *The power plug is of tracking resistance type.

**Model KMD-K**

**POWERFUL TABLE TYPE DEMAGNETIZER**

**[Application]**

This demagnetizer produces an alternating magnetic field on the surface by use of an AC power source, through which workpieces are passed to remove the magnetism remaining on their surface.

**[Features]**

- **The large demagnetizing core produces a strong magnetic field, which makes this model work well on workpieces having properties and shapes that are difficult to demagnetize with the conventional table type.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Power Capacity (Current)</th>
<th>Working Rate</th>
<th>Effective Demag. Width</th>
<th>Dimensions</th>
<th>Mass (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMD-K1</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>4.8/4kVA (244/20A) (50/50Hz)</td>
<td>100% ED when ON</td>
<td>280 (11.0)</td>
<td>420 (16.5)</td>
<td>400 (15.7)</td>
</tr>
</tbody>
</table>

*Cable 2 m included. *This demagnetizer is not equipped with an ON/OFF switch.
**Model KMDY**  
**POWERFUL TABLE TYPE 3-PHASE AC DEMAGNETIZER**

**Strong magnetic field to enhance demagnetization effect!**

![Diagram of KMDY](image)

- **Application**
  - Designed to remove or reduce residual magnetism by passing magnetized workpieces over the demagnetizing face.

- **Features**
  - The use of a 3-phase AC power source produces a more powerful magnetic field to effectively demagnetize workpieces having properties and shapes that are difficult to demagnetize with the conventional type.
  - This demagnetizer especially exhibits its high-performance on ring-shaped workpieces such as bearing-assembled products and gears.
  - The high heat dissipation design permits continuous operation.

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Power Capacity</th>
<th>Working Rate</th>
<th>Effective Demag. Width</th>
<th>Dimensions (mm)</th>
<th>Mass (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDY-1</td>
<td>3-phase 200 VAC, 50/60 Hz</td>
<td>0.43/0.368 VAC(15A/1 8A) (50/60Hz)</td>
<td>100% ED</td>
<td>(200,787)</td>
<td>200,787</td>
<td>150,590</td>
</tr>
</tbody>
</table>

*Note: Cable 2 m included.*

**Model KMDS**  
**DRIP-PROOF DEMAGNETIZER**

These demagnetizers produce a strong magnetic field on the surface by use of an AC power source to demagnetize workpieces on a belt which runs over close to the surface.

- **Features**
  - The demagnetizers are of drip-proof construction. They will not fail if wetted by grinding fluid or cooling water.
  - These can be incorporated in belt type grinders or other automatic and continuous grinders.
  - The very strong demagnetizing force generated provides some margin for the clearance on the surface to allow a belt conveyor to run over the work face.

**Precaution for use**

Cool these demagnetizers by splashing water at normal temperature. 50% rate when used dry. (20 minutes power on and 20 minutes pause)

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Power Capacity</th>
<th>Working Rate</th>
<th>Dimensions (mm)</th>
<th>Mass (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDS-1A</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>200VA(1.1A)</td>
<td>50% ED</td>
<td>160,787</td>
<td>205(9.10)</td>
</tr>
<tr>
<td>KMDS-2A</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>400VA(2.2A)</td>
<td>Continuous operation allowed when cooled by water</td>
<td>220,787</td>
<td>350(13.7)</td>
</tr>
<tr>
<td>KMDS-3A</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>800VA(4A)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: Cable 2 m included. No switch is incorporated. A different voltage type (special type) is also available.*

**Model KMD-F**  
**INVERTER CONTROLLED DEMAGNETIZER**

Less electric power and enhanced demagnetizing performance!  
**Stronger magnetic field produced than standard table type!**

- **Application**
  - These demagnetizers produce an alternating magnetic field on the surface by use of an AC power source, through which workpieces are passed to remove the magnetism remaining on their surface.

- **Features**
  - Demagnetization is carried out by varying (sweeping) a frequency lower than commercial frequencies from a lower point to a higher point. This design has improved the demagnetizing performance without increasing the amount of electricity to use.
  - The demagnetizing section is of the same dimensions as the conventional table type demagnetizer (KMD-C). With the same output current (AC effective value) as the conventional model, the residual magnetism in workpieces (SKH material) can be reduced to one third.
  - Workpieces are demagnetized by passing them over the demagnetizing surface at a constant speed, as with the conventional model.
  - Continuous power on specification, but heat generated in the demagnetizing part is less than the conventional model.
  - A demagnetizing output variable resistor is provided on the electrical unit that can vary the output current (AC effective value) in a range of 100% and 70%. This feature achieves demagnetization of low-carbon steel like S45C by less power (70%) than the conventional model.

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Power Capacity</th>
<th>Output</th>
<th>Working Rate</th>
<th>Effective Demag. Width</th>
<th>Dimensions (mm)</th>
<th>Mass (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMD-F20</td>
<td>Single-phase 100 VAC, 50/60 Hz</td>
<td>200VA(2.7A)</td>
<td>±0.220V MAX5A</td>
<td>100% ED</td>
<td>180(7.11)</td>
<td>120(4.72)</td>
<td>140(5.51)</td>
</tr>
<tr>
<td>KMD-F20</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>400VA(3.4A)</td>
<td>±0.330V MAX7.5A</td>
<td>100% ED</td>
<td>220(8.66)</td>
<td>175(6.89)</td>
<td>250(9.84)</td>
</tr>
</tbody>
</table>

*Note: Cable 2 m included.*

The main unit is provided with a 2 m cable.
**Model KMDE**

### STATIONARY DEMAGNETIZER

**Control unit required additionally**

![KMDE-1212](image1)

**KMDE-1212**

![KMDE-2525/4040 dimensions](image2)

![EHD-W205B](image3)

**EHD-W205B**

---

**Main unit**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Demagnetizing Area</th>
<th>Withstand Load</th>
<th>Electrical Rating</th>
<th>Working Rate</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDE-1212</td>
<td>230 × 280 × 280</td>
<td>120 × 120</td>
<td>210 × 85</td>
<td>120 (4.72) × 120 (4.72)</td>
<td>200 kg</td>
<td>180 VDC</td>
</tr>
<tr>
<td>KMDE-2525</td>
<td>280 × 250 × 250</td>
<td>150 × 150</td>
<td>250 (9.84) × 250 (9.84)</td>
<td>80 kg</td>
<td>180 VDC</td>
<td>4.8 A</td>
</tr>
</tbody>
</table>

*The withstand load is based on a uniform load in the work area.*

---

**Applicable control unit (KMDE-1212/2525)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Power</th>
<th>Output</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHD-W205B</td>
<td>110 × 140</td>
<td>220 × 175</td>
<td>260 × 230</td>
<td>180 VDC</td>
</tr>
</tbody>
</table>

---

**Model KMDE-MP**

### SINGLE POLE STATIONARY DEMAGNETIZER

**Control unit required additionally**

![KMDE-MP1013](image4)

**KMDE-MP1013**

---

**Main unit**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Demagnetizing Area</th>
<th>Withstand Load</th>
<th>Electrical Rating</th>
<th>Working Rate</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDE-MP1013</td>
<td>240 (9.46) × 210 (8.26)</td>
<td>110 (4.33) × 330 (13.01)</td>
<td>200 kg</td>
<td>180 VDC</td>
<td>2.1 A</td>
<td>15 kg/32 lb</td>
</tr>
<tr>
<td>KMDE-MP1625</td>
<td>390 (15.38) × 300 (11.81)</td>
<td>150 (5.90) × 300 (11.81)</td>
<td>250 kg</td>
<td>180 VDC</td>
<td>4.7 A</td>
<td>15 kg/32 lb</td>
</tr>
<tr>
<td>KMDE-MP2040</td>
<td>540 (21.35) × 450 (17.72)</td>
<td>200 (7.87) × 450 (17.72)</td>
<td>400 kg</td>
<td>180 VDC</td>
<td>7.4 A</td>
<td>17 kg/37 lb</td>
</tr>
</tbody>
</table>

---

**Applicable control unit (KMDE-MP1013)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Power</th>
<th>Output</th>
<th>Mass</th>
<th>Applicable Control Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHD-W205B</td>
<td>75 kg/165 lb</td>
<td>180 VDC</td>
<td>10 A</td>
<td>6 kg/13 lb</td>
<td>KMDE-MP1013 comes with a 2 m power cord and other models with a 3 m cord</td>
</tr>
</tbody>
</table>
**Model KMDE-V**

**STATIONARY DEMAGNETIZER FOR RING WORKPIECE**

Workpieces need not be turned over; work efficiency enhanced!

![KMDE-V252S](image)

An example of demagnetization of special ring-shaped workpiece

---

**Main unit**

Control unit required additionally

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Demagnetizing Area</th>
<th>Applicable Ring Size</th>
<th>Electrical Rating</th>
<th>Working Rate</th>
<th>Mass</th>
<th>Applicable Control Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDE-V252S</td>
<td>360 x 400</td>
<td>250 x 9.84 x 9.84</td>
<td>ø 150 x 220</td>
<td>180 VDC</td>
<td>90%</td>
<td>90kg</td>
<td>EHD-210B</td>
</tr>
<tr>
<td>KMDE-V4040</td>
<td>640 x 460</td>
<td>400 x 15.7 x 15.7</td>
<td>ø 250 x 350</td>
<td>180 VDC</td>
<td>90%</td>
<td>90kg</td>
<td>EHD-230B</td>
</tr>
</tbody>
</table>

*Note: KMDE-V252S comes with a 3 m power cord and KMDE-V4040 with a 5 m cord.*

---

**Applicable control unit**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Power</th>
<th>Output</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHD-210B</td>
<td>190 x 220</td>
<td>175V</td>
<td>290</td>
<td>48kg</td>
</tr>
<tr>
<td>EHD-230B</td>
<td>500 x 550</td>
<td>400</td>
<td>850</td>
<td>48kg</td>
</tr>
</tbody>
</table>

*Note: EHD-230B comes with a dedicated controller. For the dimensions of EHD-210B, see "EHD dimensions" on page 121.*

---

**Model KMDV**

**V-TYPE DEMAGNETIZER**

Demagnetization of ring-shaped workpieces and hardened materials!

![KMDV](image)

An example of special fabrication of KMDV

- **Application**
  - Used to remove residual magnetism in magnetized ring-shaped workpieces.

- **Features**
  - The V-shaped core design ensures effective demagnetization of ring-shaped workpieces.
  - The strong magnetic field produced enables it to demagnetize hardened materials that are difficult to demagnetize with conventional demagnetizers.
  - A water receiver provided in the demagnetizing area enables it to demagnetize wet workpieces also.

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Source Capacity</th>
<th>Working Rate</th>
<th>Demagnetizing Area</th>
<th>Dimensions</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDV-15</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>6kVA (30A)</td>
<td>30% ED, 30 minutes max.</td>
<td>150 x 90 x 216 (9.50</td>
<td>450 x 17.7</td>
<td>440 x 12.2</td>
</tr>
</tbody>
</table>

Demagnetization is turned on with a foot switch and turned off automatically by the timer. (Timer setting 60 seconds max.)

---

**Model KMDU**

**U-TYPE DEMAGNETIZER**

Suitable for demagnetizing bobs and die sets. Since its magnetic flux alternates vertically, this model is also recommended when long and irregularly shaped workpieces need to be demagnetized uniformly. Further, this model can easily be incorporated in a conveyance system.

- **Application**
  - Easy to incorporate in a conveyance system and easy to remove and relocate.

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Source Capacity</th>
<th>Working Rate</th>
<th>Dimensions</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDU-25A</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>14kVA / 120A</td>
<td>30% ED, 20 minutes max.</td>
<td>630 x 24.8</td>
<td>680 x 21</td>
</tr>
<tr>
<td>KMDU-50A</td>
<td>Single-phase 220 VAC, 60 Hz</td>
<td>20kVA / 150A</td>
<td>30% ED, 20 minutes max.</td>
<td>720 x 24.8</td>
<td>770 x 19.5</td>
</tr>
</tbody>
</table>

*Note: A different voltage type (special type) is also available.*
**Model KMDT TUNNEL TYPE DEMAGNETIZER**

**An example of usage**

Caution: The conveyor must be made of nonmagnetic stainless steel or plastic.

**Model KMDTR TUNNEL TYPE DEMAGNETIZER**

Made to order

This model allows large and heavy workpieces to pass through the demagnetizing area at a nearly constant speed, though manual feed, on a roller conveyor. No extra manpower is required for repeating work, thus enhancing the demagnetizing efficiency.

**Model KMDTC TUNNEL TYPE DEMAGNETIZER**

Made to order

Belt conveyor included

An example of fabrication

[Application]

Recommended where a large amount of workpieces such as parts needs to be demagnetized continuously during transfer between processes. Various types can be selected according to the mass and amount of workpieces.

* Depending on workpieces, they may be pulled back in some cases by a demagnetizing force. In such a case, a belt ep incorp special spacers need to be used. Please consult us in advance.

* A different-voltage type (special type) is also available. The conveyor load capacity varies depending on workpieces. Please contact us.
### Model KMDP  PEN TYPE DEMAGNETIZER

**[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 for demagnetizing 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Battery Rating</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDP-16A</td>
<td>2.4V/2000mAh</td>
<td>0.3kg/0.6lb</td>
</tr>
</tbody>
</table>

*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

**[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.

### Model KMDP-P  PINPOINT TYPE DEMAGNETIZER

**[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 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.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>KMDC-40</td>
<td>Single-phase 100 VAC, 50/60 Hz</td>
<td>75VA</td>
<td>20% ED, 1 minute max.</td>
<td>Momentary input by use of pushbutton</td>
<td>φ 40 (1.57)</td>
<td>0.9kg/2 lb</td>
</tr>
</tbody>
</table>

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

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**Features**
- For both AC and DC
- Waterproof
- Environmentally friendly

**Model**
- KMDT / KMDTR / KMDTC / KMDP / KMDH / KMDH-P / KMDC

**KMDP-16A**
- KMDH-5A
- KMDH-5A
- KMDH
- KMDH-P
- KMDP
- KMDC-40

** conductions**
- Magnetic Materials
- Magnetic Equipment
- Magnetic Measuring Instruments
- Magnetic Separators
- Chip & Sludge Separators
- Environmental Separators
- Lift Magnets
- Magnet Bores
- Magnetic Lifting Equipment
- Lifting Magnets
- Magnetic Rope Hooks
- Magnetic Tools & Equipment
- Magnetic Measuring Equipment