![DEMAGNETIZERS](image)

**Model KMD**

**TABLE TYPE DEMAGNETIZER**

*Compact but improved demagnetizing performance!*

![Image of KMD-2A](image)

**KMD-2A**

*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 resistance 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. (mm [in])**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>KMD-2A</td>
<td>3-phase 200 VAC, 50/60 Hz</td>
<td>2kVA (5.6A)</td>
<td>100%ED</td>
<td>160 (6.29)</td>
<td>453 (17.8)</td>
<td>245 (9.64)</td>
</tr>
<tr>
<td>KMD-15C</td>
<td>Single-phase 100 VAC, 50/60 Hz</td>
<td>1-40VA (1.4A)</td>
<td>100%ED</td>
<td>80 (3.15)</td>
<td>150 (5.90)</td>
<td>120 (4.72)</td>
</tr>
<tr>
<td>KMD-20C</td>
<td>300VA (3.0A)</td>
<td>100%ED</td>
<td>130 (5.11)</td>
<td>200 (7.87)</td>
<td>7kg/15 lb</td>
<td></td>
</tr>
<tr>
<td>KMD-40C</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>0.74kVA (3.7A)</td>
<td>100%ED</td>
<td>180 (7.08)</td>
<td>300 (11.8)</td>
<td>19kg/41 lb</td>
</tr>
<tr>
<td>KMD-50C</td>
<td>Single-phase 220 VAC, 60Hz</td>
<td>1.28kVA (6.4A)</td>
<td>100%ED</td>
<td>280 (11.0)</td>
<td>400 (15.7)</td>
<td>200 (7.87)</td>
</tr>
</tbody>
</table>

---

**Model KMDM**

**WHEELED MOBILE DEMAGNETIZER**

*Mobile demagnetizer to easily demagnetize large steel plates!*

![Image of KMDM-20](image)

**KMDM-20**

*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 a grip to ensure smooth movement over steel plate.

---

**If you plan to install the demagnetizer in the vertical direction or opposite direction, please contact us. (mm [in])**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDM-20</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>300/250VAC/25/2.5A (250/10A)</td>
<td>100%ED</td>
<td>6200 (7.87) x 199 (7.83) x H16 (6.56)</td>
<td>7kg/15.4 lb</td>
<td></td>
</tr>
</tbody>
</table>

---

**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 type.

---

**If you plan to install the demagnetizer in the vertical direction or opposite direction, please contact us. (mm [in])**

<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</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMD-K1</td>
<td>Single-phase 200 VAC, 50/60 Hz</td>
<td>4.8/4.0kVA(24A/20A) (50.60Hz)</td>
<td>100%ED (when fan running)</td>
<td>280 (11.0)</td>
<td>420 (16.5)</td>
<td>400 (15.7)</td>
</tr>
</tbody>
</table>
**Model KMDY**

**POWERFUL TABLE TYPE 3-PHASE AC DEMAGNETIZER**

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

![Demagnetization direction](image)

**[Application]**
- Designed to remove or reduce residual magnetism by passing magnetized workpieces over the demagnetizing face.
- 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</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDY-1</td>
<td>3-phase 200 VAC</td>
<td>0.43/0.38VA(2.15A/1.8A)</td>
<td>100%ED</td>
<td>140/5.51</td>
<td>B: 200/7.87 L: 200/7.87 H: 150/5.90</td>
<td>14kg/30.8 lb</td>
</tr>
</tbody>
</table>

*Cable 2 m included.

**Model KMDS**

**DRIP-PROOF DEMAGNETIZER**

![Demagnetization direction](image)

**[Application]**
- 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% rated 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>Effective Demag. Width</th>
<th>Dimensions</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDS-1A</td>
<td>200 VAC</td>
<td>200/140VA(1A)</td>
<td>100%ED</td>
<td>120/5.11</td>
<td>B: 260/10.2 L: 235/9.25</td>
<td>9.5kg/20 lb</td>
</tr>
<tr>
<td>KMDS-2A</td>
<td>400 VAC</td>
<td>400/275VA(2A)</td>
<td>100%ED</td>
<td>140/5.51</td>
<td>B: 260/10.2 L: 235/9.25</td>
<td>13.5kg/30 lb</td>
</tr>
<tr>
<td>KMDS-3A</td>
<td>800 VAC</td>
<td>800/460VA(4A)</td>
<td>100%ED</td>
<td>180/7.08</td>
<td>B: 300/11.8 L: 260/7.87 H: 120/4.72</td>
<td>21.0kg/46 lb</td>
</tr>
</tbody>
</table>

*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!**

![Power-saving](image)

**[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 low 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</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demagnetizing section</td>
<td>KMD-F20</td>
<td>Single-phase 100 VAC</td>
<td>200VA(2.7A)</td>
<td>100%ED</td>
<td>130/5.11</td>
<td>B: 200/7.87 L: 200/7.87 H: 40/1.8</td>
<td>6.5kg/14 lb</td>
</tr>
<tr>
<td>Electrical unit</td>
<td>EHD-20A</td>
<td>200VA(2.7A)</td>
<td>100%ED</td>
<td>140/5.51</td>
<td>175/8.92</td>
<td>200/10.2</td>
<td>4.3kg/9.3 lb</td>
</tr>
<tr>
<td>Demagnetizing section</td>
<td>KMD-F30</td>
<td>Single-phase 200 VAC</td>
<td>400VA(3.4A)</td>
<td>100%ED</td>
<td>180/7.08</td>
<td>B: 300/11.8 L: 260/7.87 H: 120/4.72</td>
<td>21.0kg/46 lb</td>
</tr>
<tr>
<td>Electrical unit</td>
<td>EHD-30A</td>
<td>400VA(3.4A)</td>
<td>100%ED</td>
<td>220/8.66</td>
<td>165/9.89</td>
<td>290/11.4</td>
<td>5.8kg/13 lb</td>
</tr>
</tbody>
</table>

The main unit is provided with a 2 m cable.

123
KMDY / KMDS / KMD-F / KMDE / KMDE-MP

Model KMDE STATIONARY DEMAGNETIZER

Control unit required additionally

Non-waterlight Power-saving

KMDE-1212

EHD-W205B

(KMDE-1212 dimensions) (KMDE-2525/4040 dimensions)

Model [Application]

[Features]

KMDE-1212

Non-waterlight Power-saving

KMDE-2525

EHD-W205B

(KMDE-1212 dimensions) (KMDE-2525/4040 dimensions)

Model [Application]

[Features]

KMDE-2525

Non-waterlight Power-saving

EHD-W205B

(KMDE-1212 dimensions) (KMDE-2525/4040 dimensions)

Model [Application]

[Features]

KMDE-4040

Non-waterlight Power-saving

EHD-W2010

(KMDE-1212 dimensions) (KMDE-2525/4040 dimensions)

Model [Application]

[Features]

KMDE-MP SINGLE POLE STATIONARY DEMAGNETIZER

Control unit required additionally

Non-waterlight Power-saving

KMDE-MP2040

Model [Application]

[Features]

KMDE-MP2040

Non-waterlight Power-saving

Model [Application]

[Features]
**DEMAGNETIZERS**

**Model KMDE-V**

**STATIONARY DEMAGNETIZER FOR RING WORKPIECE**

Workpieces need not be turned over; work efficiency enhanced!

![KMDE-V2525](image)

An example of demagnetization of special ring-shaped workpiece

**Main unit**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Demagnetizing Area</th>
<th>Applicable Ring Set</th>
<th>Electrical Rating</th>
<th>Working Rate</th>
<th>Mass</th>
<th>Applicable Control Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDE-V2525</td>
<td>380 x 400 x 250</td>
<td>250 x 64.4 x 64.4</td>
<td>ø 150 - ø 350</td>
<td>180 VDC / 9A</td>
<td>10% 10W</td>
<td>90kg/</td>
<td>EHD-W210B</td>
</tr>
<tr>
<td>KMDE-V4040</td>
<td>340 x 440 x 390</td>
<td>400 x 115.7 x 115.7</td>
<td>ø 250 - ø 600</td>
<td>180 VDC / 26A</td>
<td>10% 15W</td>
<td>450kg/</td>
<td>EHD-W232B</td>
</tr>
</tbody>
</table>

**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-W210B</td>
<td>190 x 220 x 175</td>
<td>Single phase 200 VAC</td>
<td>180 VDC / 10A</td>
<td>6kg/</td>
</tr>
<tr>
<td>EHD-W232B</td>
<td>500 x 550 x 400</td>
<td>Single phase 200 VAC</td>
<td>180 VDC / 30A</td>
<td>105kg/</td>
</tr>
</tbody>
</table>

*Note:* KMDE-V2525 comes with a 3 m power cord and KMDE-V4040 with a 5 m cord. With this model, the control unit varies according to the main unit to use. Note that even if the working rate is the same, the demagnetization/pause time varies.

**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 (Current)</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</td>
<td>200 VAC, 60 Hz</td>
<td>30% ED, 30 minutes max</td>
<td>150 x 64 x 216</td>
<td>450 x 17.7</td>
<td>440 (17.3)</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**

![KMDU-25A](image)

**Application**

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

**Features**

- 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 (Current)</th>
<th>Working Rate</th>
<th>Dimensions</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDU-25A</td>
<td>Single-phase</td>
<td>200 VAC, 60 Hz</td>
<td>30% ED, 30 minutes max</td>
<td>630 x 245 x 250</td>
<td>250 x 18.8</td>
</tr>
<tr>
<td>KMDU-50A</td>
<td>Single-phase</td>
<td>200 VAC, 60 Hz</td>
<td>30% ED, 30 minutes max</td>
<td>940 x 376 x 770</td>
<td>300 x 18.6</td>
</tr>
</tbody>
</table>

*Note:* All different voltage type (speciality type) is also available.
### Model KMDT
#### TUNNEL TYPE DEMAGNETIZER

**Application**
These demagnetizers can meet such demagnetizing needs as passing a bucket containing a large amount of small workpieces and being incorporated in a line for continuous demagnetizing by conveyor transfer. Various sizes are available to meet such requirements. They can also be used to demagnetize long workpieces and irregularly shaped workpieces.

**Features**
- The high heat radiation design enables continuous operation.
- A uniform demagnetizing area can be obtained.
- Almost uniform demagnetization can act on the whole periphery of passing workpieces.

**An example of usage**
Caution: The conveyor must be made of nonmagnetic stainless steel or plastic.

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Source Capacity (Current)</th>
<th>Working Rate</th>
<th>Stator</th>
<th>Dimensions</th>
<th>Mass</th>
<th>Applicable Cable 2-core (GRL1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDT-10A</td>
<td>Single-phase 200V, 50/60Hz</td>
<td>0.4/6kVA(2.3A)</td>
<td>100/80/80</td>
<td>110/100/100</td>
<td>60/100/100</td>
<td>4/9.5</td>
<td>(1.37/1.62)</td>
</tr>
<tr>
<td>KMDT-16A</td>
<td>Single-phase 200V, 50/60Hz</td>
<td>1.6kVA(3A)</td>
<td>160/125/125</td>
<td>120/120/120</td>
<td>80/120/120</td>
<td>4/9.5</td>
<td>(1.37/1.62)</td>
</tr>
<tr>
<td>KMDT-25A</td>
<td>6kVA(30A)</td>
<td>11kVA(55A)</td>
<td>400/315/315</td>
<td>350/350/350</td>
<td>260/360/360</td>
<td>5/14</td>
<td>(2.75/3.6)</td>
</tr>
</tbody>
</table>

*The cable and switch are not included. A different-voltage type (special type) is also available.

### Model KMDTR
#### TUNNEL TYPE DEMAGNETIZER

**Made to order**

**Application**
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.

**Roller withstand load**

<table>
<thead>
<tr>
<th>Model</th>
<th>Per Roller</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDTR-16A</td>
<td>8kg/7.6 lb</td>
</tr>
<tr>
<td>KMDTR-25A</td>
<td>12kg/26.4 lb</td>
</tr>
</tbody>
</table>

*The conveyor load capacity varies depending on workpieces. Please contact us.

### Model KMDTC
#### TUNNEL TYPE DEMAGNETIZER

**Made to order**

**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.

**Belt conveyor capacity 10 kg (horizontal)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Source</th>
<th>Source Capacity (Current)</th>
<th>Working Rate</th>
<th>Motor</th>
<th>Conveyor</th>
<th>Demagnetizer</th>
<th>Dimensions</th>
<th>Major Dimensions</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDTC-10A</td>
<td>Single-phase 200V, 50/60Hz</td>
<td>0.4/6kVA(2.3A)</td>
<td>25W</td>
<td>800/70</td>
<td>100/70</td>
<td>100/70</td>
<td>100/70</td>
<td>100/70</td>
<td>100/70</td>
</tr>
<tr>
<td>KMDTC-16A</td>
<td>Single-phase 200V, 50/60Hz</td>
<td>1.6kVA(3A)</td>
<td>1600/120</td>
<td>120/120</td>
<td>120/120</td>
<td>120/120</td>
<td>120/120</td>
<td>120/120</td>
<td>120/120</td>
</tr>
<tr>
<td>KMDTC-25A</td>
<td>Single-phase 200V, 50/60Hz</td>
<td>6kVA(30A)</td>
<td>1500</td>
<td>270/80</td>
<td>270/80</td>
<td>270/80</td>
<td>270/80</td>
<td>270/80</td>
<td>270/80</td>
</tr>
<tr>
<td>KMDTC-40A</td>
<td>Single-phase 200V, 50/60Hz</td>
<td>11kVA(55A)</td>
<td>950/80</td>
<td>950/80</td>
<td>950/80</td>
<td>950/80</td>
<td>950/80</td>
<td>950/80</td>
<td>950/80</td>
</tr>
</tbody>
</table>

*Depending on workpieces, they may be pulled back in some cases by the demagnetizing force. In such a case, a belt equipped with special scrapers 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.

---

![Image of KMDT-10A tunnel type demagnetizer](image1)

![Image of KMDT-16A tunnel type demagnetizer](image2)

![Image of KMDT-25A tunnel type demagnetizer](image3)

![Image of KMDT-40A tunnel type demagnetizer](image4)
**Model KMDP** PEN TYPE DEMAGNETIZER

![KMDP-16A](image)

[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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Battery Rating</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDP-16A</td>
<td>2.4V2000mAh</td>
<td>0.3kg/0.6lbs</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

![KMDH-5A](image)

[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.

<table>
<thead>
<tr>
<th>Working rate 70% ED (Power on 7 minutes and pause 3 minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
</tr>
<tr>
<td>KMDH-5A</td>
</tr>
</tbody>
</table>

*The height is up to the grip. A 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](image)

[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 demagnetizing 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.

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

*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!

![KMDC-40](image)

**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>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>KMDC-40</td>
<td>Single-phase 100 VAC, 50/60 Hz</td>
<td>72/67VA</td>
<td>20% ED, 1 minute max.</td>
<td>Momentary input by use of pushbutton</td>
<td>φ40 (1.57)</td>
<td>0.9kg/2lb</td>
</tr>
</tbody>
</table>

*The cord length 2.5 m (with curved cord). The power plug is of tracking resistance type.
Model **KRMDC/KRMD** CAPACITOR TYPE DEMAGNETIZER (CONTROL UNIT / DEDICATED DEMAGNETIZING COIL)

Outstanding demagnetization on workpieces that are difficult to demagnetize with conventional demagnetizers!

![Image of KRMDC-10020 and KRMD-R08]

**Capacitor type demagnetizer control unit (mm/in)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Input</th>
<th>Output</th>
<th>Dimensions</th>
<th>Mass</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>KRMDC-10020</td>
<td>3-phase 200/220 VAC</td>
<td>0-2500 VDC</td>
<td>800 x 31.5</td>
<td>180 kg</td>
<td>Indoor, dust-proof, self-supporting</td>
</tr>
<tr>
<td>KRMD-10020</td>
<td>3-phase 50/60Hz</td>
<td>1000 VDC</td>
<td>760 x 27.5</td>
<td>110 kg</td>
<td>Indoor, dust-proof, self-supporting</td>
</tr>
</tbody>
</table>

*External operation is required for ON/OFF. Input signals need to be provided by the user or please procure the optional remote control box and foot switch.*

**Dedicated demagnetizing coil (mm/in)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Demag. Hole Dia.</th>
<th>Max. Applicable Voltage</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>KRMD-R08</td>
<td>230 (9.06)</td>
<td>135 (5.31)</td>
<td>1000 VDC</td>
<td>10 kg/22.0 lb</td>
</tr>
</tbody>
</table>

*Special types are also available. Please contact us.*

*A charging contactor (KRMDC-MC) is also available.*

**Remote control box (Optional)**

**Foot switch (Optional)**

**Cable 1m**

**An example of demagnetizing bearings with tunnel type demagnetizing coil (special design)**

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**MAGNETIZER**

**Model MFG** MAGNETIC FIELD GENERATOR

![Image of MFG-300]

**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. 21T (20kG)</td>
<td>2600kg/573 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>800 x 31.5 x 400</td>
<td>1800</td>
</tr>
</tbody>
</table>

**[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 1m².*