# KMDE / KMDE-MP / KMDE-V / KMDV / KMDU

## 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**

Control unit required additionally

**Applicable control unit**

### Model KMDE-V

<table>
<thead>
<tr>
<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>Model</td>
<td>L × W × H</td>
<td>B × L × e</td>
<td>Diameter</td>
<td>Width</td>
<td>180 VDC</td>
<td>9A</td>
</tr>
<tr>
<td>KMDE-V2525</td>
<td>380 × 400 × 250</td>
<td>250 (9.84) × 250 (9.84)</td>
<td>150</td>
<td>95</td>
<td>180 VDC</td>
<td>9A</td>
</tr>
<tr>
<td>KMDE-V4040</td>
<td>640 × 640 × 350</td>
<td>400 (15.7) × 400 (15.7)</td>
<td>150</td>
<td>135</td>
<td>180 VDC</td>
<td>9A</td>
</tr>
</tbody>
</table>

*KMDE-V2525 comes with a 3 m power cord and KMDE-V4040 with a 5 m cord.*

### Model KMDE-V

**V-TYPE DEMAGNETIZER**

Demagnetization of ring-shaped workpieces and hardened materials!

An example of special fabrication of KMDE

**[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.

**Applicable control unit**

### Model KMDE-V

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Power</th>
<th>Output</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>L × L × W</td>
<td>W</td>
<td>H</td>
</tr>
<tr>
<td>EHD-210A</td>
<td>190 × 220 × 175</td>
<td>114</td>
<td>94</td>
</tr>
<tr>
<td>EHD-230B</td>
<td>250 × 350 × 250</td>
<td>330</td>
<td>216</td>
</tr>
</tbody>
</table>

*EHD-230B comes with a dedicated controller.*

*For the dimensions of EHD-210A, see "EHD dimensions" on page 121.*

### Model KMDE-V

**U-TYPE DEMAGNETIZER**

**[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.

**[Application]**

Suitable for demagnetization of ring-shaped workpieces.

**[Features]**

- One step of operation completes the demagnetizing work. Workpieces need not be turned over, thus eliminating a fear of damaging the workpieces.
- The protective plates provided on the demagnetizing V-faces prevent damage to workpieces. Workpieces of various shapes can be demagnetized properly by changing the protective plates.
- The demagnetizer itself and the control unit are installed separately. Thus, they can be installed in an easy-to-operate place.

*For a drip-proof type is available optionally. Please contact us.*

### Model KMDE-V

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Power</th>
<th>Output</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>L × L × W</td>
<td>W</td>
<td>H</td>
</tr>
<tr>
<td>KMDU-25A</td>
<td>14KVA</td>
<td>170A</td>
<td>30%</td>
</tr>
<tr>
<td>KMDU-50A</td>
<td>30KVA</td>
<td>150A</td>
<td>30%</td>
</tr>
</tbody>
</table>

*A different-voltage type (special type) is also available.*