**Mag clamp operation panel**

**Operation panel**
Compact and user-friendly operation panel exclusively designed for magnetic clamp. It can be installed to IMM or wall utilizing the rear tap hole. (M4 bolts x 4 accessories)

**[ For vertical loading ]**

**model ESMD-A**

**[ For horizontal loading ]**

**model ESMD-B**

<table>
<thead>
<tr>
<th>Model</th>
<th>ESMD-A</th>
<th>ESMD-B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loading direction</td>
<td>Vertical loading</td>
<td>Horizontal loading</td>
</tr>
<tr>
<td>Weight</td>
<td>kg</td>
<td>0.6</td>
</tr>
</tbody>
</table>

**Mounting bracket**

- **L type**
- **Self-standing type**
- **Wall mount type**
- **Hang down type**
- **Embedded type**

**Operation panel dimensions**
Control box

model EMGD

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<tr>
<th>Model</th>
<th>EMGD</th>
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<tbody>
<tr>
<td>Weight</td>
<td>kg</td>
</tr>
<tr>
<td>25 ~ 80</td>
<td></td>
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</tbody>
</table>

Mounting bracket

Wall mount type

Self-standing type

Hang down type

Interlock

Safety interlocks listed below are built in the electric control circuit for mold change operation.

- When changing a mold, Mag clamp operation is feasible only when the following conditions are prepared.
  - Mag clamp: ①Mold change mode
  - Molding machine: ②Set-up (or manual) mode ③Nozzle retracted ④Ejector retracted ⑤Platen closed-end ⑥Safety door closed

- Conditions ②, ③ and ⑤ on molding machine can be checked by LED on the operation panel.

- During automatic operation
  - If the mold is displaced or detached from the clamp plate, the molding machine is immediately stopped by the displacement detection function.