**Model KCC-AR**

WATER-COOLED ROUND ELECTROMAGNETIC CHUCK

[Aappllication]
Suitable for grinding by rotary grinders.

[Features]
- Very little accuracy change. KANETEC's unique cooling mechanism minimizes temperature rise. Deformation of the chuck is minimized, thus making it most suitable for high precision grinding operations.

No heat generated

**KCC-35AR**

Chuck controller required additionally

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Size</th>
<th>Work Face</th>
<th>Pole Pitch</th>
<th>Mounting Face</th>
<th>Height</th>
<th>Voltage</th>
<th>Current</th>
<th>Mass</th>
<th>Electro Chuck Master</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| KCC-35AR | 350-13.7 | 350-13.7 | 316 (23.4) | 145 (5.7) | 200 / 7.7 | 250 / 9.87 | M10 | 0.75A | 60kg / 160 lb | For types with a combination of a rectifier and demagnetizer, see pages of "Chuck Controllers."
| KCC-45AR | 400-15.7 | 400-15.7 | 341 (23.4) | 193 (7.6) | 250 / 9.87 | 300 / 11.6 | 0.90A | 100kg / 220 lb | ES-M103B
| KCC-50AR | 500-19.6 | 500-19.6 | 441 (17.7) | 193 (7.6) | 350 / 13.7 | 400 / 15.7 | 1.70A | 160kg / 350 lb | ES-M305B
| KCC-60AR | 600-23.6 | 600-23.6 | 541 (21.3) | 171 (6.7) | 450 / 17.7 | 500 / 19.6 | 2.30A | 250kg / 550 lb | EH-V305A
| KCC-70AR | 700-27.5 | 700-27.5 | 641 (26.2) | 159 (6.2) | 550 / 21.6 | 600 / 23.6 | 3.20A | 330kg / 727 lb | EH-V305A
| KCC-80AR | 800-31.5 | 800-31.5 | 741 (29.1) | 147 (5.7) | 650 / 25.5 | 700 / 27.5 | 3.90A | 430kg / 948 lb | Above models except for the one marked by 〒 |

*A cooler unit is required additionally. *If the magnetic force needs not be adjusted, use ES-M.
*The chuck controller and clamp parts are not included. The KANETEC chucks work best when a KANETEC chuck controller is used.

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**Model LCU**

COOLER UNIT

Cooling water radiation and circulation unit

[Application]
An air cooler unit to cool and circulate coolant in water-cooled type chucks.

[Features]
- The flow rate can be adjusted with a valve.
- Simple and compact for easy installation.
- Synchronized with room temperature by an air-cooled oil cooler.

**LCU-2**

<table>
<thead>
<tr>
<th>Model</th>
<th>Discharge Amount</th>
<th>Total Lift</th>
<th>Power Source</th>
<th>Required Power</th>
<th>Dimensions</th>
<th>Tank Capacity</th>
<th>Mass</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCU-2</td>
<td>30 ℓ / 43 ℓ / min (50 - 60Hz)</td>
<td>2 m (78.7)</td>
<td>Single phase 100 VAC (50 - 60Hz)</td>
<td>70W</td>
<td>300 (11.8 x 400 (15.7) x 554 (21.8))</td>
<td>20 ℓ</td>
<td>30kg / 66 lb</td>
<td>Power cable 3 m (11.8)</td>
</tr>
</tbody>
</table>

*The recommended coolant is automotive long life coolant.
*The electromagnetic chucks to use must be those that consume less than 300 W (90V, 3.3 A).