**KR 10 R900 CR**

### Technical data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum reach</td>
<td>901.5 mm</td>
</tr>
<tr>
<td>Maximum payload</td>
<td>10 kg</td>
</tr>
<tr>
<td>Pose repeatability</td>
<td>± 0.03 mm</td>
</tr>
<tr>
<td>Number of axes</td>
<td>6</td>
</tr>
<tr>
<td>Mounting position</td>
<td>Floor, Ceiling, Wall, Desired angle</td>
</tr>
<tr>
<td>Footprint</td>
<td>320 mm x 320 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 52 kg</td>
</tr>
</tbody>
</table>

### Axis data

- **A1**: ±170°
- **A2**: -190° / 45°
- **A3**: -120° / 156°
- **A4**: ±185°
- **A5**: ±120°
- **A6**: ±350°

### Operating conditions

- Ambient temperature during operation: 5 °C to 45 °C (278 K to 318 K)

### Protection rating

- Protection rating (IEC 60529): IP54
- Protection rating, robot wrist (IEC 60529): IP54

### Controller

- KR C5 micro;
- KR C4 smallsize-2;
- KR C4 compact

### Cycle time

- 141 cycles per minute (25 mm / 305 mm / 25 mm, 1 kg)

The KR 10 R900 CR is designed for a rated payload of 5 kg in order to optimize the dynamic performance of the robot. The maximum payload of 10 kg applies only if the position of the center of mass is 0 mm and a supplementary load optimized for the load case is mounted. The specific load case must be verified using KUKA.Load or KUKA Compose. For further consultation, please contact KUKA Support.

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