### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>YK800XGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm length</td>
<td>800mm</td>
</tr>
<tr>
<td>Maximum payload</td>
<td>20kg</td>
</tr>
</tbody>
</table>

#### Ordering method

**Model:** YK800XGS

**Installation method:**
- Wall-mount (OP. A)
- Inverse wall-mount (OP. B)
- Ceiling mount (OP. C)
- Floor mount (OP. D)

**Z-axis stroke:**
- S: 200mm (Situated at the bottom of the base)
- L: 400mm

**Tool-flange connector for user wiring (No. 1 to 20 usable):**
- D-sub connector

**Motor to speed reducer:**
- Direct-coupled

**Motor to speed reducer to output:**
- Harmonic drive

**Speed reducer:**
- Ball screw

**Deceleration mechanism:**
- Harmonic drive

**AC servo motor output:**
- 750 W
- 400 W
- 400 W
- 200 W

**Travel limit:**
- Z: 200 mm
- Z: 400 mm

**Robot cable length:**
- Standard: 3.5 m
- Option: 5 m, 10 m

**Weight:**
- Z axis 200 mm: 52 kg
- Z axis 400 mm: 54 kg

**Y-axis Y, Z axis:**
- 1. Soft limit

**R-axis:**
- 2. Mechanical stopper (X, Y, Z, axis)

**Controller:**
- RCX340
- RCX240

#### Controller

**Controller Power capacity (VA):**
- RCX340: 2500

**Operation method:**
- Programming / I/O point trace / Remote command / Operation using RS-232C communication

**Note:**
- “Harmonic” and “Harmonic drive” are the registered trademarks of Harmonic Drive Systems Inc.
- Note: The movement range can be limited by changing the positions of X, Y, and Z axis mechanical stoppers. (The movement range is set to the maximum at the time of shipment.)
- See our robot manuals (installation manuals) for detailed information.

Our robot manuals (installation manuals) can be downloaded from our website at the address below:

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Note 1. When installing the robot, always follow the specifications. Do not install the ceiling-mount robot upside down or do not install the inverse type robot to a ceiling. Incorrect installation can cause trouble or malfunction.