

READ FIRST!!

Barrier Curtains

NOTICE

- Do not press the CYCLE START button!
- Complete the following steps before operating the barrier door.
- Read this "Read First!! Barrier Curtains" completely before starting the machinery.
- Failure to follow the below steps may void the system warranty.

Barrier Door Motor Test

The Barrier Door Motor Test steps verify correct incoming power phasing for the barrier curtains.

Personnel who complete these steps must have completed training from Yaskawa and are familiar with the operation of this robotic cell.

1. Turn the Main Power ON.

NOTICE

- Press the EMERGENCY STOP button, if the barrier door begins moving downward in step 2. Failure to stop the barrier door before it reaches the end of travel will cause major equipment damage.

2. Press the CYCLE START button. The barrier door moves upward, continue with normal operation and setup. (If the barrier door begins moving downward, immediately stop the door by pressing the EMERGENCY STOP button and begin completing "Reversing Incoming Power Phasing.")

Reversing Incoming Power Phasing

1. Shut down system and turn OFF main power. Lock Out system following standard Lock Out/Tag Out procedures.

WARNING

- Connect power using a qualified electrician.

Electrical and grounding connections must comply with applicable national electrical code and/or local electrical codes. Not following these codes can result in death or serious injury.

2. Reverse the two incoming leads of the 3-phase power fused service disconnect, inside the robot controller.
3. Tighten screws to 4.0 Nm (35lb-in.) torque.
4. Perform "Barrier Door Motor Test" again to verify correct incoming power phase.
5. If needing technical assistance contact Yaskawa Customer Support.

Yaskawa
Motoman Robotics Division
100 Automation Way
Miamisburg, OH 45342
TEL: 937.847.6200
FAX: 937.847.6277
24-HOURS HOTLINE: 937.847.3200
www.motoman.com