

LGR Carousel



Manufacturer: Lets Go Robotics, Incorporated
Model Number: Carousel
Web Address: www.letsgorobotics.com

The LGR plate storage carousel provides storage for up to 450 microwell plates in a device designed for automated laboratory environments. The carousel, controlled by a PC, is rotated to the desired stack location for plate access. Removable stacks provide fast and convenient storage for microwell plates, lids, and tip racks.

LGR Carousel: Commands

▶ **Home()** - Home the carousel to be ready for operations.

▶ **MovePosition(position)** - Move the carousel to the specified position.

position	Integer	Specified position.
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▶ **PositionInquiry()** - Get the current motor position.

▶ **Stop()** - Stop the motion of the carousel immediately.

▶ **MotionStatus()** - Retrieve the status of the motor.

▶ **HomeInquiry()** - Verify if the carousel is homed.

▶ **SetVelocity(speed)** - Set the carousel speed.

speed	Integer	Carousel speed. Range of values: 1 to 100 .
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▶ **SetAcceleration(acceleration)** - Set the carousel acceleration.


acceleration	Integer	Carrousel acceleration. Range of values: 1 to 100 .
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▶ **MoveVelocity(velocity)** - Move the carousel continuously until the stop command is received.

velocity	Integer	Carrousel velocity. Range of values: 1 to 100 .
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▶ **StackPresenceInquiry()** - Retrieve the status of the stack presence sensor.

LGR Carousel: Errors

 **CarouselError(description)** - Error occurred during command execution.

description	String	Error description.
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