

## PEAK Robotics Plate Depot



**Manufacturer:** PEAK Robotics  
**Model Number:** PlateDepot  
**Web Address:** [www.peakrobotics.com](http://www.peakrobotics.com)

The Plate Depot is a high-capacity storage carousel for use in applications requiring high capacity storage of microtiter plates. It holds 10 individual Plate Stacks (portrait orientation) and has a capacity up to 300 or 450 standard microplates.

### Carousel: Commands

▶ **GetVersionNumber( )** - Get the version number.

▶ **Shutdown( )** - Shutdown the carousel.

▶ **ParameterFileLoad( filename )** - Load the data from the parameter file into the active memory.

filename	String	File name of parameter file.
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▶ **Home( )** - Home the carousel.

▶ **MoveForwardOneStack( vel )** - Move the carousel forward by one stack.

vel	Float	Velocity of move expressed in percent of maximum. Range of values: <b>1.0</b> to <b>100.0</b> .
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▶ **MoveBackOneStack( vel )** - Move the carousel back by one stack.

vel	Float	Velocity of move expressed in percent of maximum. Range of values: <b>1.0</b> to <b>100.0</b> .
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▶ **Move( stackNum, vel )** - Move the carousel to the specific stack.

stackNum	Integer	Stack number for the move. Range of values: <b>1</b> to <b>10</b> .
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vel	Float	Velocity of the move expressed in percent of maximum. Range of values: <b>1.0</b> to <b>100.0</b> .
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▶ **MoveAbs( position, vel, accel )** - Move the carousel to the specific absolute position.

position	Float	Absolute position for the move.
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vel	Float	Velocity of the move expressed in percent of maximum. Range of values: <b>1.0</b> to <b>100.0</b> .
accel	Float	Acceleration of the move expressed in percent of maximum. Range of values: <b>1.0</b> to <b>100.0</b> .

## Carousel: Errors

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

code	Integer	Error code.
description	String	Error description.

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