

HighRes MicroServe



Manufacturer: HighRes
 Model Number: HighRes-MicroServe
 Web Address: www.highresbio.com

MicroServe is a high-density way to deliver plates and tips to your automated systems, handling up to 770 standard microtiter plates in a small footprint. MicroServe is efficient and compact for high-throughput applications. Plates stack one on top of the other in removable cartridges, so loading and unloading are easy. MicroServe works with most SBS footprint labware.

MicroServe: Commands

- **home()** - Starts up the homing sequence for the device. The home command must be issued at startup prior to any other move command.

- **load(stacker)** - Places the MicroServe in the load position for the requested stacker.

stacker	Integer	Stacker selection. Range of values: 0 to 13.
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- **unload(stacker)** - Places the MicroServe in the unload position for the requested stacker. If an unload command is executed on an empty stacker, an error will occur.

stacker	Integer	Stacker selection. Range of values: 0 to 13.
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- **abort()** - Stops all operations and movement of the device. Causes any in-process operations to immediately report an "ABORTED!" status as a completion message.

- **readbarcodestacker(stacker)** - Reads the barcodes in the requested stacker and sends the result back to the user.

stacker	Integer	Stacker selection. Range of values: 0 to 13.
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- **setplateheights(plateHeight, stackHeight)** - Notifies the MicroServe what size plates are being used for subsequent operations. Load, unload, and barcode reading all need to know what size the plates are in order to operate properly.

plateHeight	Integer	Plate height in microns.
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stackHeight	Integer	Stack height in microns.
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- **setplatethickness(plateThickness)** - Notifies the MicroServe how thick a plate is.


plateThickness	Integer	Plate thickness in microns.
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- **status()** - Provides information about the current state of the device. The status response is one of the commands that provides data to the user on the completion status return.

- **manual()** - Places the MicroServe in manual mode. Rehomeing is

required once this command has been issued before the MicroServe can move again.

Instrument Error

 **InstrumentError(code)** - An error occurred during command execution.

code	Integer	Error code.
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