# Holomonitor M4- Tips and tricks

## During start-up

* The ”storage device not found” error can be fixed by restarting the computer.
* Always start with calibrating the instrument.

## Loading the stage

* Remove bubbles from wells.
* Make sure that the cut corners of plate and plateholder are aligned.

## Finding the focus

* To reveal the full software focus bar, close the ‘position list window’ on the right.
* Allow half a second for the image to appear before changing the focus again.
* Adjust black and white color scale to get a better picture.
* Set the focus in an area with many cells.
* The focus can be copied to all other positions.

## Finding the best capture position

* To scan the well set the step length to 500 µm, which corresponds to the field of view.

## Before you leave

* Check that computer is in flight mode (no internet connection)
* Post ‘do not open sign’ on incubator

## Changing an ongoing experiment

*While it is NOT possible to pause an experiment, you can stop and start a new one with the same settings. Do the following:*

* Make sure that all positions have been captured at least once
* Stop experiment
* Start a new experiment with “set-up capture from” your previous experiment.
* If you have removed the plateholder and/or the plate, re-validate all positions

## If the images do not correspond to the positions

*Sometimes changing step length to quickly can cause this malfunction. Do the following*

* Make sure that all positions have been captured at least once. Save experiment.
* Remove plateholder and plate
* Restart M4 software and calibrate instrument
* Start a new experiment with the captures from the previous, re-validate positions

## Support

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Lisa can help by remote control!