

# Keyence Microscope Training SOP

Last edited: Furst (11/03/20)

Instructor:

Date:

Attendees:

	Name	Group or Company	Signature
1			
2			
3			
4			
5			
6			

## Overview:

- This training provides an introduction to using and operating the Keyence microscope including:
  - Changing Objectives
    - 0-50x and 20-200x
    - 100-1000x
  - Head tilt
  - Stage movement
  - Software
    - Lighting
    - Measure
    - Depth up
    - Image quality
    - Optimize
    - Stitching
  - Safety
  - General microscope use
  - Maintenance

## Safety

## Microscope Setup

### At the microscope:

1. Changing objectives
2. Tilting the head
3. Changing lighting elements
4. moving/positioning the stage

## At the Computer:

1. Initialize the XY stage
2. Software lighting adjustment throw in image quality as well
3. Depth up
4. Measure
5. Stitching
6. saving images

## Maintenance

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### Keyence microscope Quick Review

Tool Lead:

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## Safety Concern

## Safe Operation Procedures Review

## Post Processing

## Maintenance

From:

<https://microfluidics.cnsi.ucsb.edu/wiki/> - Innovation Workshop Wiki

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