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

Keyence microscope Quick Review

Tool Lead:
Contact: andrewfurst@ucsb.edu

Safety Concern

Safe Operation Procedures Review

Post Processing

Maintenance