

Basic Microscope Alignment

The microscope should be roughly aligned when you arrive.

There is no need to do a complete alignment every session, if the microscope behaves strangely, ask for help!

You should perform only two or three steps:

- Camera gain reference
- Direct alignment
- Objective Astigmatism / Coma-free alignment

Gain reference of the K2 camera

This is done in Digital Micrograph on the K2 server.

Direct alignment

This is done in microscope interface.

1. Insert calibration specimen (position 1 in the autoloader)
2. Find an unbroken square
3. Bring sample to eucentric high
4. Press Eucentric Focus on the right control panel

Open the Direct alignment tab

DO NOT TOUCH GUN TILT/SHIFT

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