

Inverted Cell Microscope-Olympus

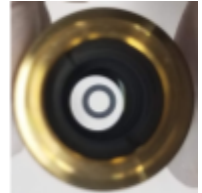


Olympus - CKX31

Inverted Microscope - Ideal for looking at cells in flasks or plates from the bottom up

Phase contrast is needed to see cells as cells are transparent.

Phase Ring: (above the stage) Adjust the phase rings by shifting the ring holder right or left to match the object number and/or label. The rings match a negative image inside the objective itself to only allow light that is deflected from the curvature of the cells to pass through.



Objective: (under the stage)

Use the objective turret to change the magnification

Focus: (on the left and right sides of the microscope frame).

The coarse (large) and fine (small) adjustment knob which raises and lowers the objective turret thus focusing

Brightness: (right rear side of the frame).

Turn on and adjust the knob as needed to improve the image quality.

X and Y Adjust: Use your fingers to move your object into the field of view.

Software: Amscope - select camera on the top left MU1003 - replace an eyepiece with the camera

Shut down: Turn off light, cover with clear olympus cover



Objective Turret - Under stage