

How to use the microscope:

Carry the microscope with 2 hands and make sure that it is safely positioned on the bench with no trailing leads.

Plug in and turn on at the mains, then turn on the microscope light. Make sure the low power objective is over the stage and clip the slide onto the stage.

Focusing flowchart:



Set the aperture at 5 (or use the lever to open the aperture wide). Looking from the side use the coarse focus knob to move the stage down as far as possible.

Aperture setting /diaphragm

coarse



Now, look through the eyepiece and turn the coarse focus knob until the specimen comes into view.

To use medium power, alter the aperture setting wheel to 3 or 4 (or use the lever to reduce the light intensity by about 1/3). Look through the eyepiece and use the coarse focus knob to bring the specimen into view. Then use the fine focus to make the image really clear.



Fine focus

For maximum magnification on high power, reduce the light intensity further to 2 or 1 and looking through the eyepiece lens turn the fine focus knob only until the image is clear.

If you lose the image at any stage, it is easiest and quickest to go back to low power and begin the focusing process again.