



Microscope Maker Kit

Guide

This kit has everything you need to get started with using a microscope, an instrument that allows you to see things too small for the naked eye. The main components of this kit includes an Amscope M160C Digital Compound Microscope, 25 prepared slides, and 10 blank slides that you can use for your own experiments. Whether this is your first time looking through a microscope, or if you are a seasoned pro, you can enjoy exploring the world through these powerful lenses!

Note: please avoid extreme temperatures as much as possible, such as storing the microscope in a vehicle during the summer or in sub-freezing temperatures.

Starting Out

The first step to using this microscope is to look through the first few pages of the included user's manual. Here, you will find helpful information on the parts, assembly, and basic operation. Three of the first steps that you will learn include how to turn on the microscope, adjust the stage, and focus on a specimen. If you prefer video instruction, here is a good place to start:

<https://goo.gl/TYV8r3>

Note: please be aware that properly adjusting the stage to view the slides is incredibly important. These adjustments should be made slowly as the slides or lenses can be broken if they collide.

Another important piece is to learn how to prepare your own slides. There are three main ways slides can be prepared; dry mount, wet mount, and prepared mount. We recommend starting with the dry mount. Below are some helpful articles with tips and tricks on creating your own slides.

Instructions:

<https://goo.gl/1W3B8S>

Slide Ideas:

<https://goo.gl/jDD2GN>

<https://goo.gl/b9wqST>

Note: please do NOT return and slides that you have made yourself. These 10 are yours to keep and we will not accept them back!

Troubleshooting

Amscope has produced many instructional and troubleshooting videos that can be found on their YouTube channel. This is a great place to start if something isn't working.

<https://www.youtube.com/user.AmScopecom>

If you experience problems, please contact the Reference Desk at cvref@wcpl.lib.oh.us.

Feedback

We would love to hear how your experience was! Please complete this survey:

<http://goo.gl/forms/CuU9efutyX>

Also, feel free to share your experience with us on social media:

<https://www.facebook.com/wclibrary.info>

<https://twitter.com/washcentlibrary>

