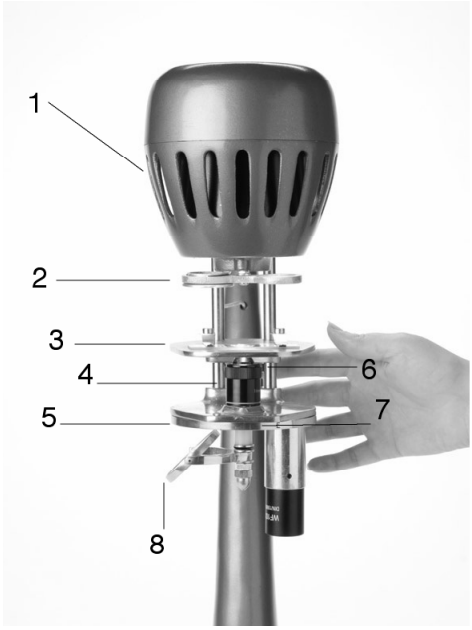
Microscope Lab Safety

Directions on using the Ken-A-Vision Microprojector.



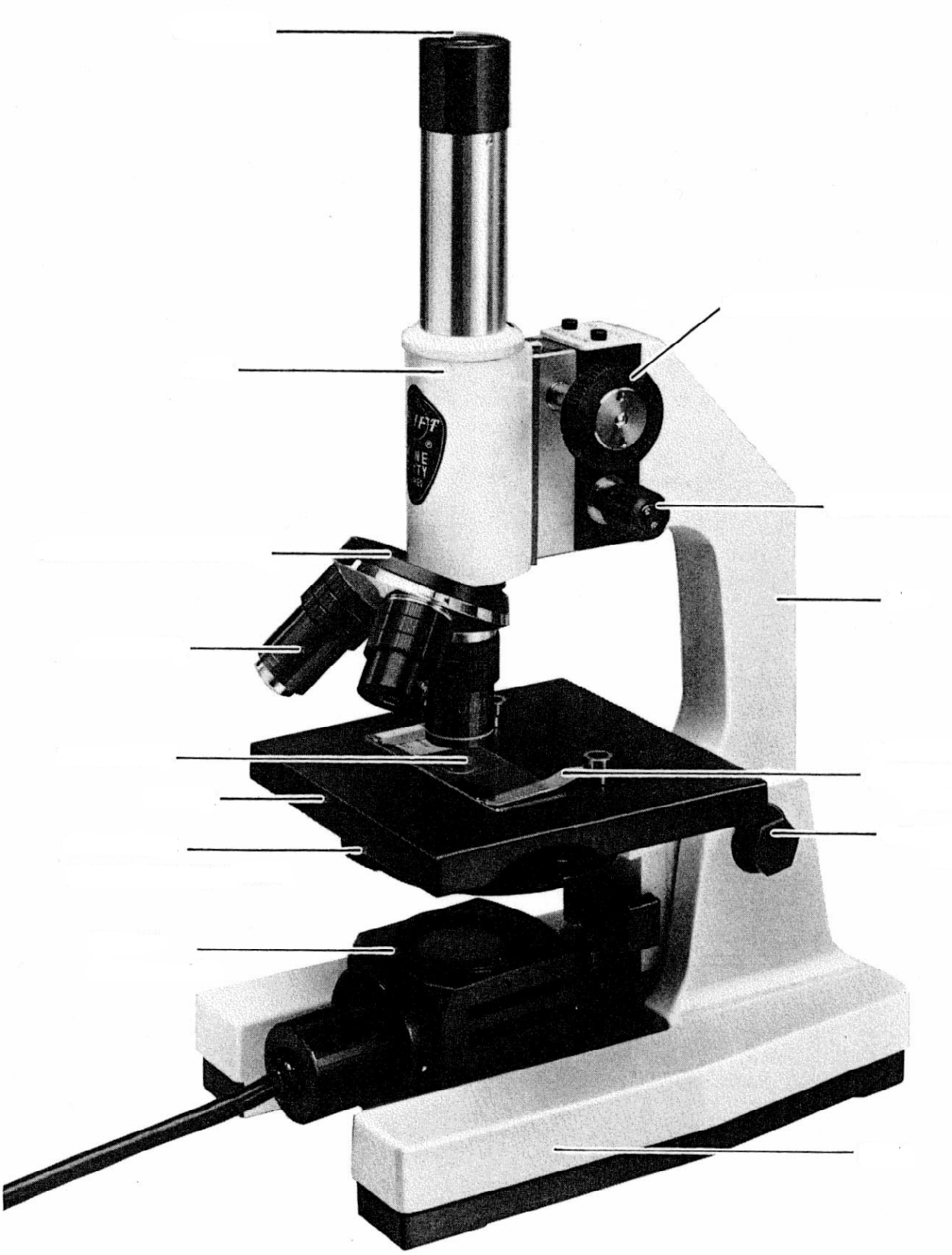
Safety Precations!
Wrap the cord around a table leg.
Make sure the plug is secure in a proper outlet.

1. Turn the switch to the "ON" position.
2. Place a white sheet of paper between the legs of the base, or focus on a white or light colored surface.
3. Be sure the mirror is out of the way of the light beam coming straight through the stage and going to the table surface.
4. Be sure that the Revolving Polarizing Analyzer (7) is out of the light path.
5. Rotate the Revolving Dustproof Disk (5) until the RED "C" on the left side of the disk is directly under the RED line (7) on the upper disk. Feel the Revolving Disk (5) "click" into position.
6. Place the specimen slide on the stage and hold in place with the stage clips (3).
7. Focusing - Use the knurled focusing knob (6), located under the stage (3), at the back of the unit behind the 16mm objective to focus image onto the desktop. First lower the stage to the lowest position, and then reverse direction until the specimen is brought into focus.
8. Rotate the objective lenses until the next larger objective clicks into place. If the size of the specimen is sufficient STOP. If not continue to step 9.
9. Rotate the objective lenses until the next larger objective clicks into place. Be careful as you rotate the objectives as the objective may hit the slide. Proceed with caution.
10. Trace your specimen and color it later.

Watch those slides - It's always important to follow microscope safety when handling glass slides and covers, as glass slides could break and cut you. Additionally, chemicals and specimens on the slides could be harmful. If a slide does break, it is important to notify the teacher. They can recommend the proper methods of disposal.

Since most slides are covered with chemicals or biological substances, extra vigilance is recommended. Users should always wear proper clothing and protective gear as needed. Food and drinks should be kept out of the workspace, as they can potentially contaminate the slides.

Swift M960



Swift M960

Wrap the cord around a table leg.
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1. Turn the revolving nosepiece to the smallest objective.
2. Place the slide securely on the stage using the clips.
3. Use the coarse focus control to lower the objective to its lowest position.
4. Set the aperture control to the largest opening to let in the most light.
5. Turn on the light (on a microscope with a mirror adjust the mirror to direct the light at the slide).
6. While looking in the eyepiece, use the coarse focus adjustment to raise the eyepiece until the specimen is in focus.
7. Use the fine focus control if necessary.
8. Move the slide as necessary.
9. Adjust the aperture and light as necessary.

Ken-A-Vision Video Flex

1. Connect the Video Flex to an electrical outlet.
2. Connect the Yellow RCA video cable to the video in port on the wall.
3. Turn on the projector.
4. Adjust the neck of the Video Flex to come close to your specimen.
5. Use the focus ring on the outside of the lens to focus your image.