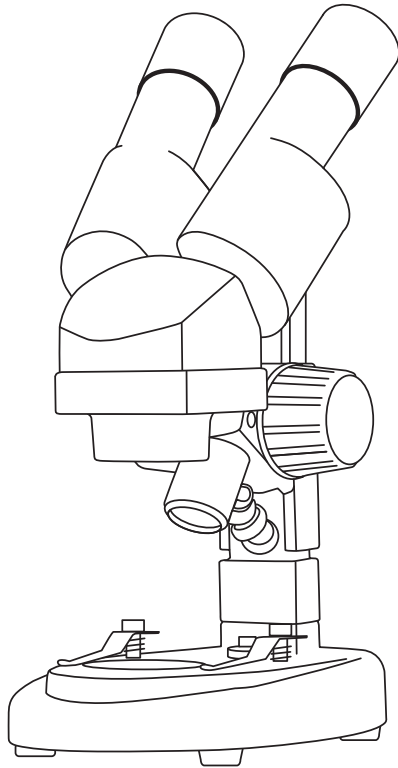




**ken-a-vision**<sup>®</sup>  
KNOWLEDGE THROUGH VISION

# The Professor Stereo by Ken-A-Vision

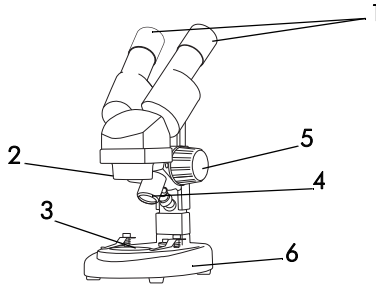
Instruction Manual  
ESH200  
ESH210



**Thank you for purchasing The Professor Stereo Microscope by Ken-A-Vision.**

Welcome to the world of stereo microscopy. Here are a few things to get you started. First, be sure the following items are included with your unit:

The Professor Stereo Microscope  
(3) AA batteries



**THE PARTS OF A STEREO MICROSCOPE**

1. Eyepieces: Two 10x lenses that you use to look through.
2. Objective Lenses: The Professor Stereo Microscope consists of two objective lenses; 2x. When combined with the 10x eyepiece lens you get total magnifications of 20x (2x times 10x)
3. Stage Plate: The flat platform where you place your specimens. The metal clips can hold some of your specimens in place. This stage plate also has 2 sides; white and black.
4. Illuminator: The light source that is above the stage and is battery operated with 3 AA batteries.
5. Focus Knob: Use this knob located on each side of The Professor Stereo Microscope to focus the image of your specimen.
6. Base: The bottom of the stereo microscope that is used for support. The push button located on the back of the stage plate turns your microscope on/off. Batteries are located in the bottom of the base.

## **Installing / Replacing Batteries**

1. The batteries are located in the bottom of the base.
2. Turn The Professor Stereo Microscope upside down. Open the bottom.
3. Remove any used batteries.
4. Insert (3) new AA batteries in the +/- direction as indicated on The Professor Stereo Microscope.
5. Insert the base plate into the notches and push close.

## **How To Use Your Stereo Microscope**

1. Remove The Professor Stereo Microscope from its storage location by grabbing the arm of The Professor Stereo Microscope with one hand and place the other hand below the base.
2. Put a slide or specimen on the stage plate.
3. To view through the eyepiece lenses, look through the eyepiece. Now focus your stereo microscope.
4. Don't forget to turn on The Professor Stereo Microscope.

## **Focusing**

The proper way to focus The Professor Stereo Microscope is to turn the focus knob to raise the head up until it stops. Then look through the eyepiece and focus downward until the image is clear.

## **Taking Care of your Stereo Microscope**

1. The Professor Stereo Microscope is a precision instrument, treat it with care. When working with The Professor Stereo Microscope be sure it is directly in front of you and any notes you take are set beside your Professor Stereo microscope. This method of viewing will limit the chance of accidentally knocking The Professor Stereo Microscope off the table.
2. When the objective lens or eyepieces are dirty, the image will not be very clear and sharp. To clean, use lens paper and distilled water and rub the lens and/or eyepiece softly. Never rub the lens when it is dry. (This can cause static charge that will attract dirt.)

## **Technical Specifications for Model No. ESH200 The Professor Stereo sMicroscope by Ken-A-Vision**

For the technical specifications on The Professor Stereo Microscope by Ken-A-Vision, visit the Ken-A-Vision Web site, [www.ken-a-vision.com /ESH200.asp](http://www.ken-a-vision.com/ESH200.asp)

### **Accessories**

If you are interested in purchasing accessories or replacement parts for The Professor Stereo Microscope by Ken-A-Vision, visit the Ken-A-Vision Web site, <http://store.kenavision.com/catalog/> or contact your local Ken-A-Vision Dealer.



**ken-a-vision<sup>®</sup>**  
KNOWLEDGE THROUGH VISION

5615 Raytown Road • Kansas City, MO 64133 U.S.A.  
Tel.: 816-353-4787 • Fax: 816-358-5072  
email: [info@ken-a-vision.com](mailto:info@ken-a-vision.com) • [www.ken-a-vision.com](http://www.ken-a-vision.com)