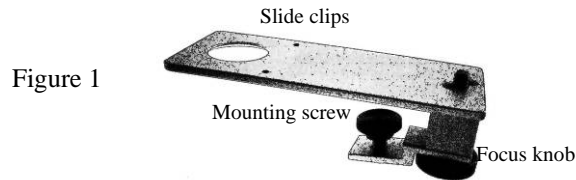


# STAGE SET INSTRUCTIONS



The stage set is a hands free viewing accessory ideal for viewing prepared slides and water samples, but can aid in viewing most other samples as well. It has slide clips and a focus knob. It is adjustable in height to be used with any of the microscope lens options.

**Preparation** – If using the 30x or 50x lenses, retract the lens tip into non-contact position by twisting the lens tip. If using the 100x or higher, adjust the focus ring all the way down by turning clockwise. Do not turn the focus ring so tight that it is difficult to unscrew again. This may damage the threads. Raise the stage a little by turning the larger outer thumb screw raising the stage to allow lens clearance while mounting.

**Mounting the stage** – Insert the mounting screw in the underside mount of the camera. Tighten the smaller, inner thumb screw snugly onto the rubber washer so that the lens tip is positioned evenly over the stage hole.



**Positioning camera and sample** – Place the camera/stage set up on its back on a flat, even surface with the lens pointed towards the ceiling. Place slides over the lens under the slide clips with the sample centered over the opening in the lens. It is usually easier to focus on prepared slides by placing them face down with the cover slip nearer the lens. For other samples such as Petri dishes, the slide clips can be moved to the side or pointed backwards on the stage for a larger surface.

**Focusing** – Focusing is done with the large thumb screw which raises or lowers the height of the stage, bringing the sample into focus. Turning the focus ring on the lens is not effective when using the stage; remember to have the focus ring twisted all the way down. Be aware of lowering the stage and sample too far into the lens tip.



**Lighting tips** – In most cases, additional lighting will be needed to backlight the sample. A backlight lamp with a light blocker is also available, but any desk lamp will work. Position the lamp over the camera/stage set up so the light shines through the sample and into the lens. If using the available backlight lamp, the light blocker can be slid over a portion of the lamp to create a black background with light coming from the sides to create different lighting effects. The internal lens lights can also be turned off by sliding the switch on the side of the camera handset into the OFF position. Adjust backlighting and internal lens lighting to give the desired effect for the sample.

