

**Oblique Viewer**  
**Product No. OV2-SMZ645**

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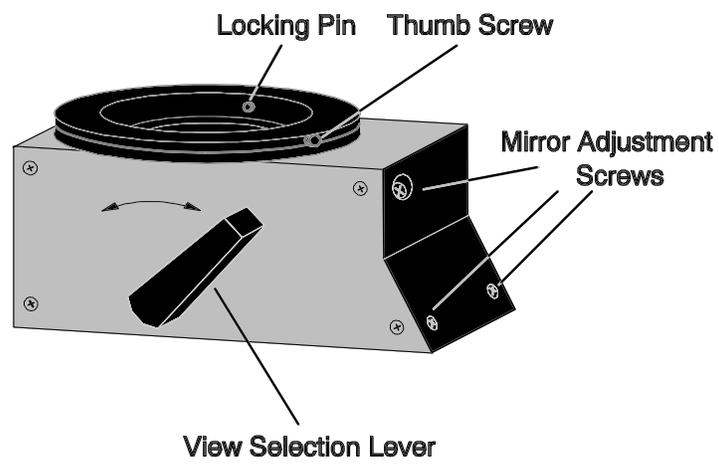
## **Introduction**

The Oblique Viewing Accessory attaches to Nikon SMZ 660 and SMZ 645 stereoscopic microscopes. The Oblique Viewer provides lever selectable direct view or parfocal 45 degree oblique view. In the oblique mode, magnification is 0.5X.

### **FEATURES:**

- Continuously rotatable through 360 degrees either manually or by optional manual pushbutton controlled motor upgrade. An optional foot switch is available for use with the motor upgrade.
- Changes from normal to oblique viewing with a single lever.
- Easily attached / detached from microscope.
- Fixed 45 degree tilt angle.
- Usable through full zoom magnification range of .8X to 5.0X.
- User adjustable centering and parfocality of oblique view.

## Oblique Viewer

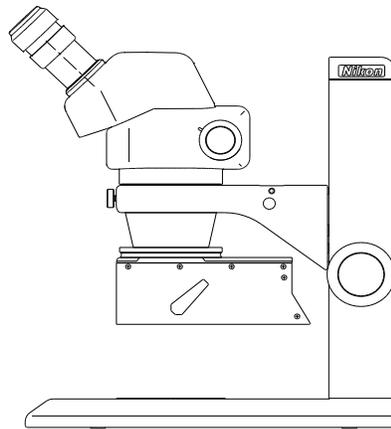


## **Installation**

### **Installation of Oblique Viewer**

To install the Oblique Viewer, align the two locking pins inside the mounting ring of the unit with the two short vertical grooves on the nose of the microscope. Slide the unit upward over the microscope nose and rotate 45 degrees so that the thumb screw aligns with the left groove on the microscope nose. Tighten the thumb screw until the unit is locked into position.

### **Oblique Viewer as Installed on Microscope**



## Operation

### **Use of Oblique Viewer**

To change the rotational view of the specimen rotate the Oblique Viewer manually or by the motorized control. To switch between normal and oblique viewing of the specimen, simply switch the lever on the side of the Oblique Viewing Accessory.

### **Realignment of Oblique Viewer**

*Note: The Oblique Viewer is factory pre-adjusted so this process should rarely be necessary.*

If the Oblique Viewer becomes misaligned, the focus and centering of the image can be restored by adjusting the three mirror adjustment screws located on the end of the unit as follows:

- The top screw shifts the image left and right.
- The lower right hand screw shifts the image up and down.
- The lower left hand screw shifts the image along the diagonal from upper left to lower right.
- Simultaneous adjustment of all three screws moves the plane of focus toward and away from the microscope.
- Because the three adjustment screws interact in their affect upon the focus and centering of the oblique view, the process of alignment must be done carefully and patiently.

For warranty repair return the product to the warranty department of  
Conix Research at:

**Conix Research Inc.**  
**857 28th Street**  
**Springfield, OR 97477**  
**(541) 747-8512**

You should provide a written description of the problem with the unit.  
Consumer must prepay all postage, shipping, insurance, and delivery costs  
associated with the return of the product.

For more information refer to the Conix Research Limited Warranty Card  
provided with this product.

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