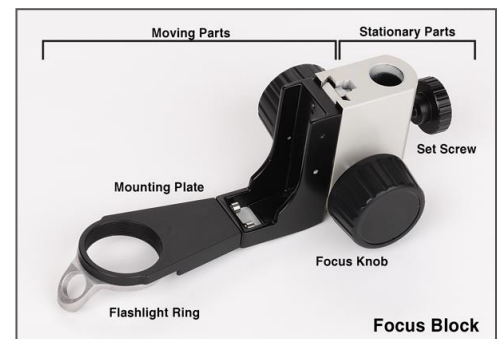


To set up Lab Stand for use w/ 8400K Optical Micrometer Kit:

1. The **Focus Block** is attached in an inverted position for storage in the **Carrying Case**. Loosen the **Set Screw** and remove the **Focus Block** from the **Lower Pole** (attached to the **Base Plate**).
2. Install (thread) the **Upper Pole** to the **Lower Pole**.
3. Install (slide and tighten) the red **Safety Ring** to the pole assembly.
4. Install the **Focus Block** to the pole assembly; assure that the **Focus Knobs** and **Mounting Plate** for the Optical Micrometer (P/N 8400-0) are at the bottom of the **Focus Block** as shown below (not at the top as when stored in the **Carrying Case**).



5. Install (thread) Optical Micrometer to the **Mounting Plate** on the **Focus Block**.
6. Install LED Flashlight (P/N 8400-23) into **Flashlight Ring** (swivel to adjust light angle).
7. Clamp **Focus Block** to pole assembly at approximate height needed for specimen.
8. Use the **Focus Knobs** on the **Focus Block** to adjust approximate focus; use the focus mechanism on Optical Micrometer for fine focus and depth measurement. (Note: When in focus, the objective lens of the Optical Micrometer will be approx. 0.250" with the 10X installed, or 1.3" with the 4X installed, above the specimen.)



To Store Lab Stand in Carrying Case:

1. Adjust **Focus Knobs** so that the tops of the moving parts align with the stationary parts of **Focus Block** (to prevent damage when storing in **Carrying Case**).
2. Remove **Focus Block** from pole assembly.
3. Remove **Safety Ring** from pole assembly and return to **Carrying Case**.
4. Uninstall (unthread) the **Upper Pole** from the **Lower Pole** on the **Base Plate** and return to **Carrying Case**.
5. Invert the **Focus Block**, install and clamp firmly to the **Lower Pole** on the **Base Plate** and return to **Carrying Case**.



5500L LAB STAND

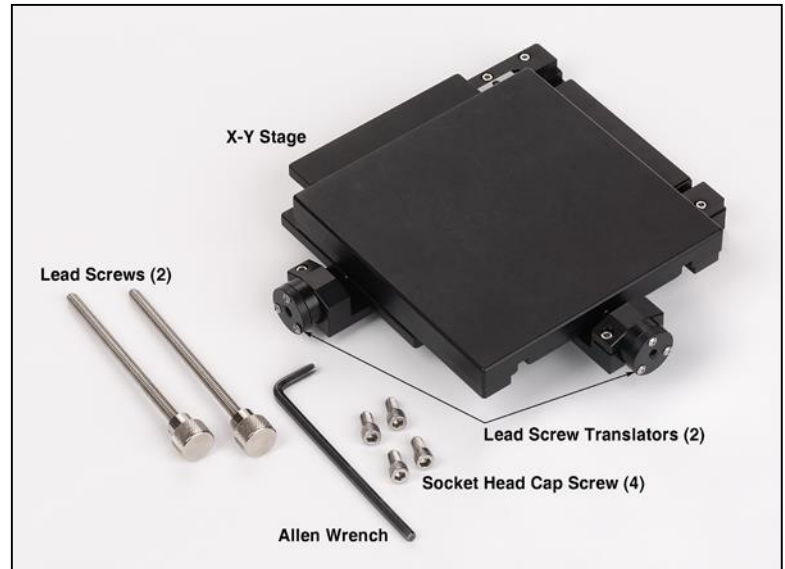
SUPPLEMENTAL INSTRUCTIONS FOR ADDITION OF X-Y STAGE

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Notes:

The **X-Y Stage** is shipped secured in place with tape for protection during transit; remove tape prior to use (requires removing **X-Y Stage** as described below).

Lead Screws are removed for storage in **Carrying Case**.



1. The **X-Y Stage** attaches to the **Lab Stand** with (4) $\frac{1}{4}$ -20 x $\frac{1}{2}$ " **Socket Head Cap Screws** on the underside of the **Base Plate**.
2. To remove the **X-Y Stage**: Loosen the **Socket Head Cap Screws** with the **Allen Wrench** and remove the **X-Y Stage** from the **Base Plate**.
3. To reattach the **X-Y Stage**: Orient the **X-Y stage** on **Base Plate** as shown in lower image and secure using the **Allen Wrench** and (4) **Socket Head Cap Screws**.
4. Install (2) **Lead Screws** into the threaded holes on the (2) **Lead Screw Translators**. Turn both **Lead Screws** evenly until the **X-Y Stage** is approximately centered on the **Base Plate**, as shown in lower image.
5. During measurement, turn **Lead Screws** for fine adjustment of target's X-Y position under Optical Micrometer.



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