
UNITRON®

BOOM STAND

MANUAL



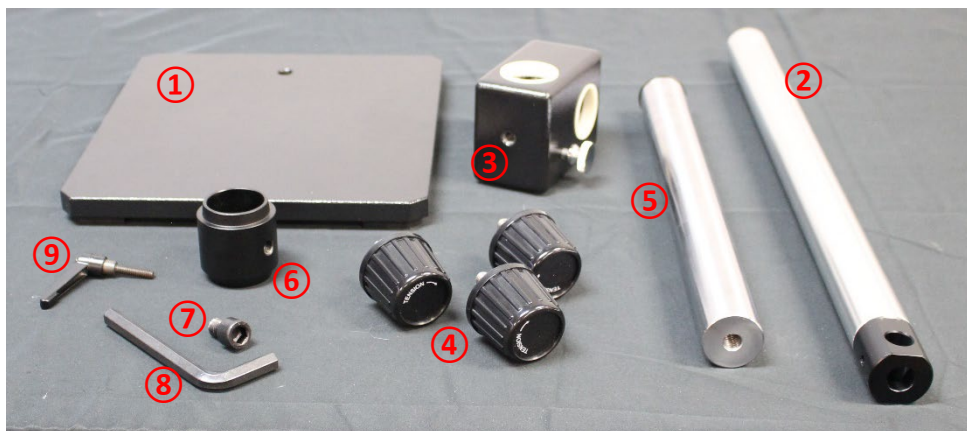
UNPACKING AND COMPONENTS

- Base
- Horizontal boom
- Cross block
- Tension knobs
- Vertical post
- Safety lock collar
- Hex bolt
- Hex wrench
- Locking lever

Warning: Some components (especially the base) are very heavy, please handle with extra caution.

INSTRUCTIONS

1. Carefully remove all parts from box and check for all package contents as listed above and shown below.

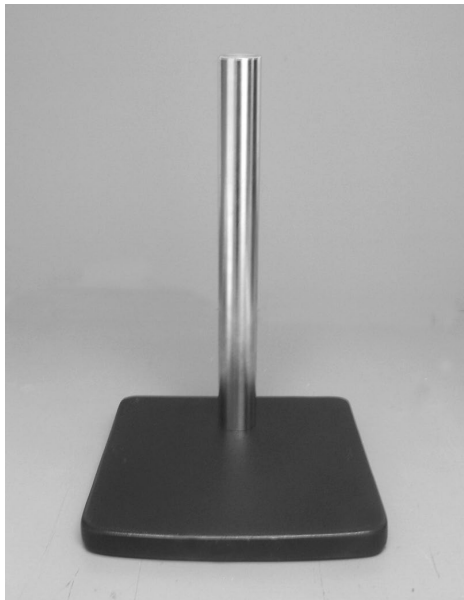


1. Base
2. Horizontal boom
3. Cross block
4. Tension knobs
5. Vertical post
6. Safety lock collar
7. Hex bolt
8. Hex wrench
9. Locking lever

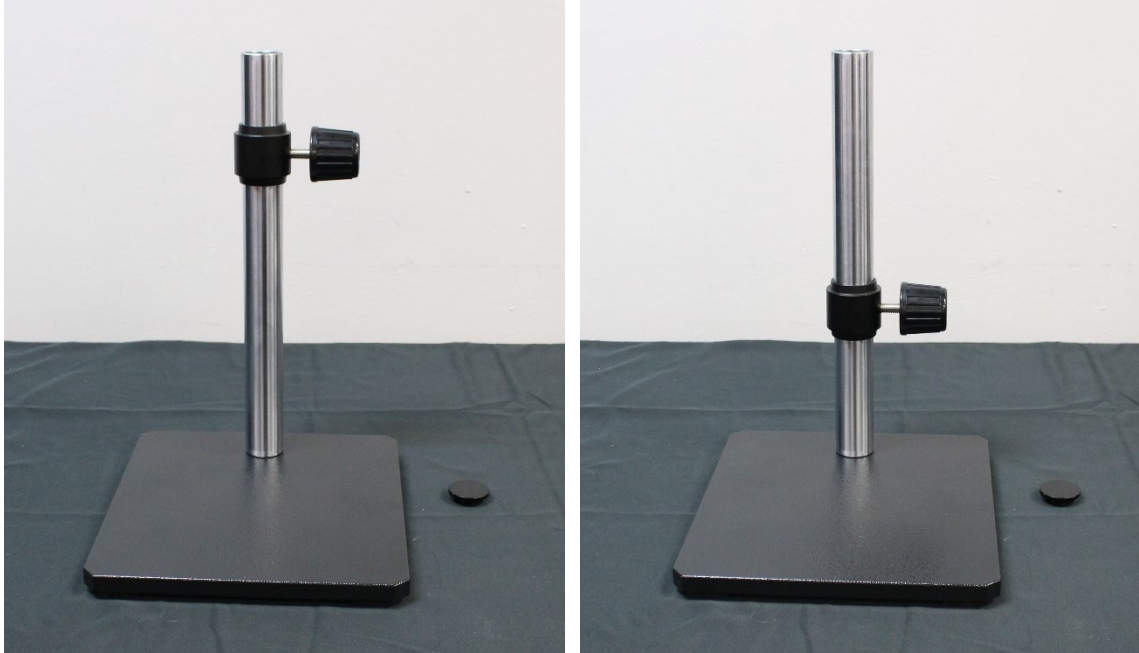
2. IT IS RECOMMENDED TO HAVE SOMEONE HOLD THE BASE DURING THIS STEP. To prevent tipping off the table, hang just enough of the base off the edge of a table to expose the hole for the hex bolt. Use the hex bolt to attach the vertical post to the base and tighten using the provided hex wrench.



3. Place the base upright on the table.



4. Unscrew the threaded cap from the top of the vertical post. Insert the safety lock collar onto the vertical post, thread a tension knob into the hole and tighten/lock the safety lock collar at the desired position. It is recommended to set the safety lock collar lower during assembly to allow room to work.

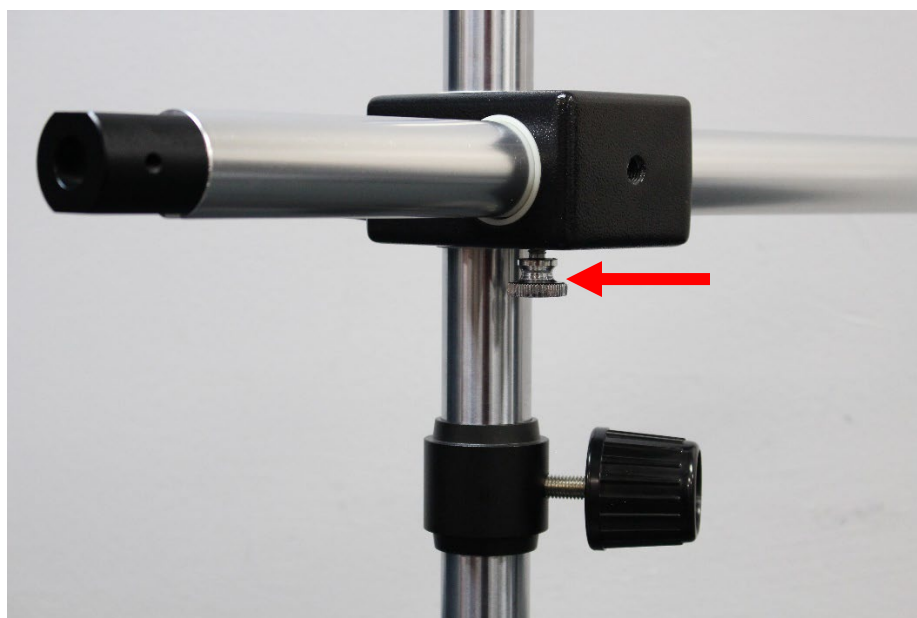


5. Slide the cross block onto the vertical post. Thread tension knob into hole on cross block closest to the vertical post. Tighten the tension knob to hold the cross block in place on the vertical post.



- Slide the horizontal boom into the cross block. Orient the groove on the horizontal boom so that it is facing down towards the base. The alignment screw (red arrow) may need to be unscrewed a little bit to allow the horizontal boom to slide into the cross block.

Thread the alignment screw into the cross block enough to prevent the horizontal boom from rotating in the cross block, but not enough to prevent the horizontal boom from sliding freely in the cross block.

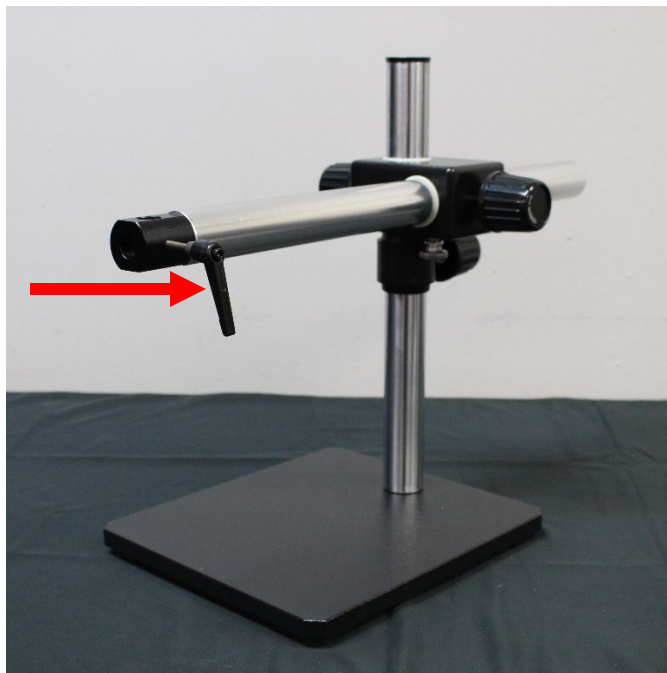


7. Thread a tension knob into the cross block to secure the horizontal boom from sliding. Before operation, loosen the tension knob to reposition the horizontal boom to the desired height on the vertical post, then tighten again.



8. Insert the locking lever into the bonder arm receiver (red arrow).

Stand assembly is complete, and the boom stand is ready to accept a bonder arm.



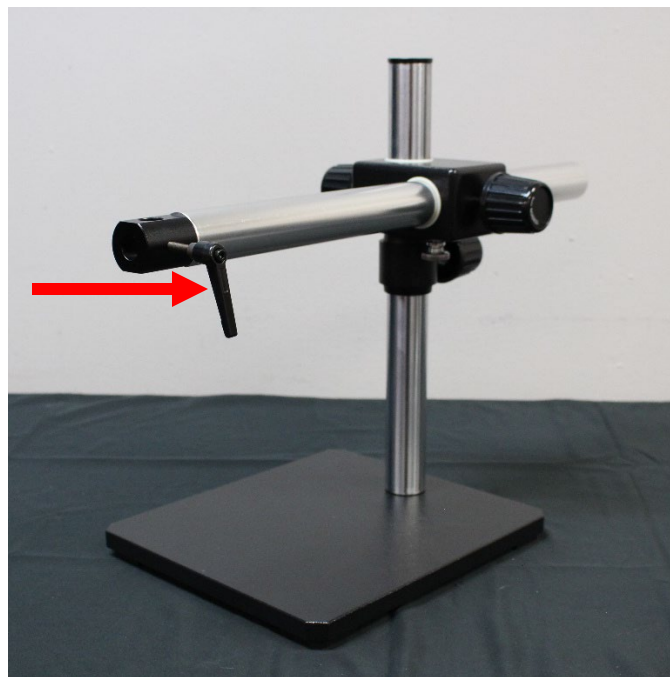
NOTE: After completing assembly and installation of the microscope (instructions are not included in this manual), reposition the safety lock collar to a position just below the cross block.

NOTE: This boom stand is compatible with all UNITRON®, ACCU-SCOPE® and stereo microscopes from other manufacturers with Ø76mm bodies.

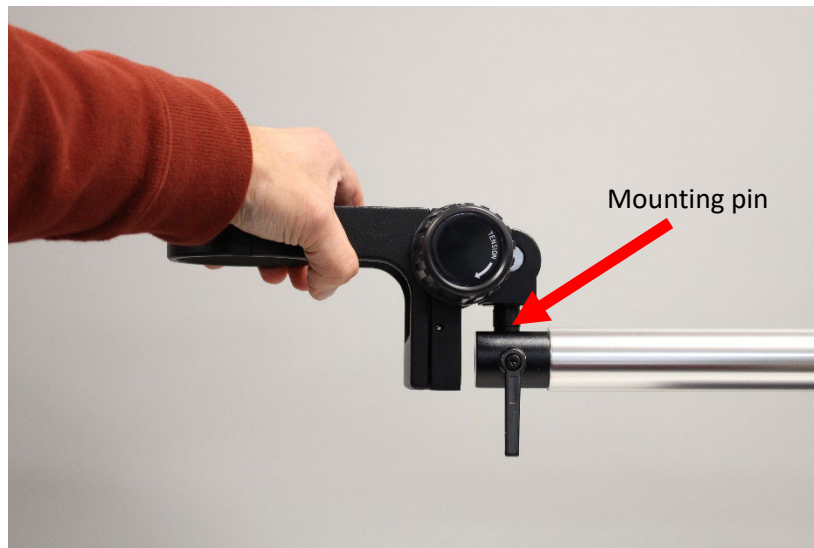
Bonder Arm Setup

***A bonder arm is not included with the boom stand and must be purchased separately.**

1. Loosen the locking lever in the bonding arm receiver on the end of the horizontal boom.



2. Insert the mounting pin of the bonder arm (a.k.a. focus mount) into the end of the horizontal pillar. The mounting pin may be inserted from the top, front or bottom (top installation shown). Make sure the mounting pin is completely inserted.



3. Tighten the locking lever to secure the mounting pin in the horizontal boom.



The stand is ready to accept a microscope.