

Assembly Instructions

Dual-bar Universal
Boom Stand
For Stereo Microscope

Model A902



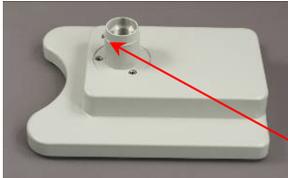
MicroscopeNet.com

Caution

1. Find the “UP” sign and place the Styrofoam container on the side that makes the arrow upward.
2. Do not discard the molded Styrofoam container; the container should be retained should the boom stand ever requires reshipment.
3. Keep the boom stand out of direct sunlight, high temperature or humidity, and dusty environments. Ensure the boom stand is located on a smooth, level and firm surface.
4. **Important:** when move the boom stand to another place, remove the microscope body first, then hold the base with both hands firmly to move it. **DO NOT** hold the post with one hand, and the base with another hand.

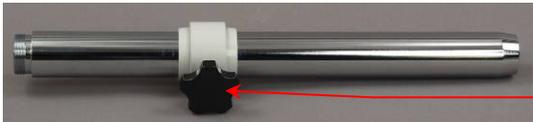
1. Parts identification

Part A - Stand Base



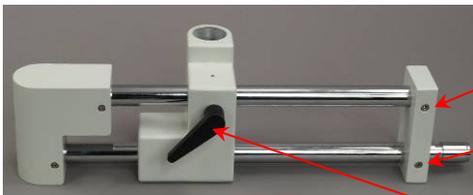
Set screw 1

Part B – Vertical Post



Knob 1

Part C - Horizontal Bars

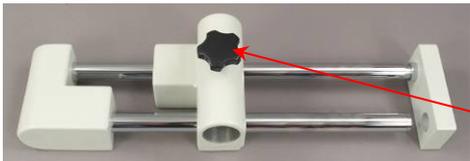


Set screw 2

Set screw 3

Handle 1

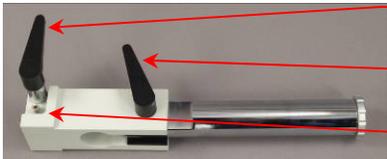
View A



Knob 2

View B

Part D – Swing Arm

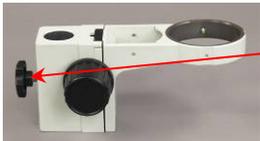


Handle 2

Handle 3

Set screw 4

Part E - Focusing Block



Knob 3

2. Tools required

Allen key (provided)



Screwdriver (not provided)



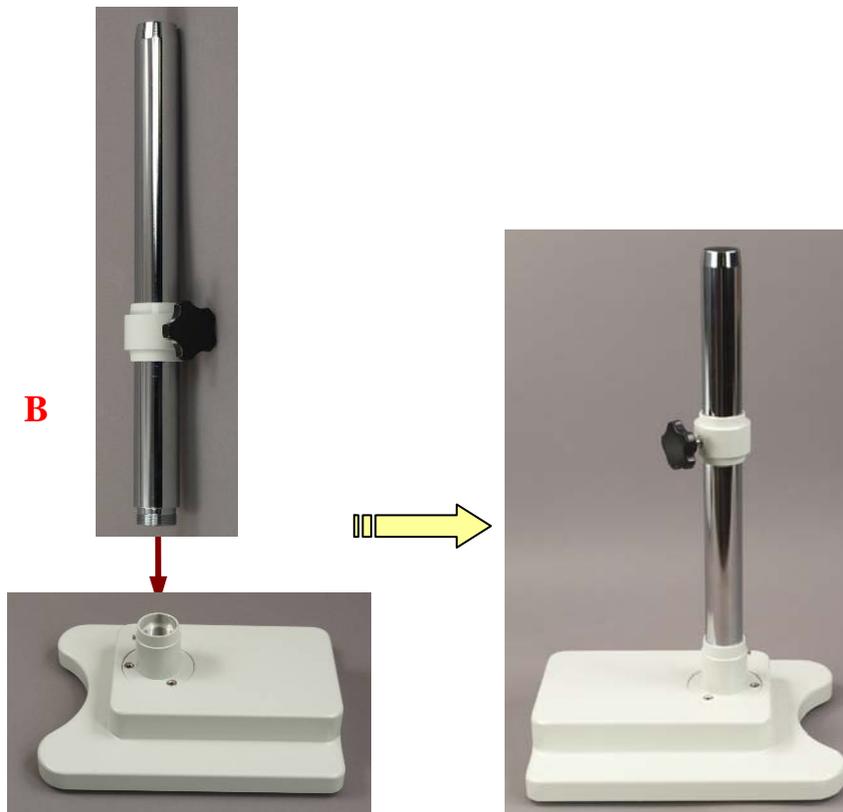
3. Assembly instructions

1) Put the Part A (Stand Base) on a firm and sturdy table or level surface.



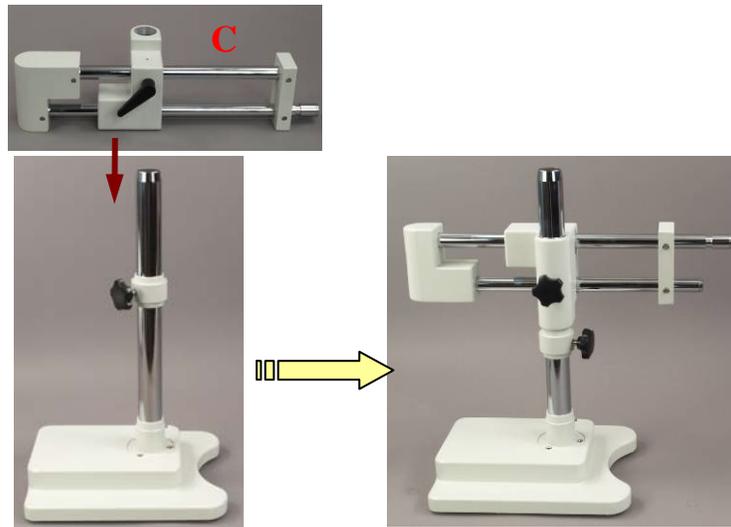
2) Mount Part B (Vertical Post) onto Part A (Stand Base)

- (1) Loosen the **set screw 1** a bit so that it won't touch with the installing post.
- (2) Install the **vertical post** onto the **stand base** at its screw end.
- (3) Secure the **vertical post** with **set screw 1**.



3) Mount Part C (Horizontal Bars) onto the assembly

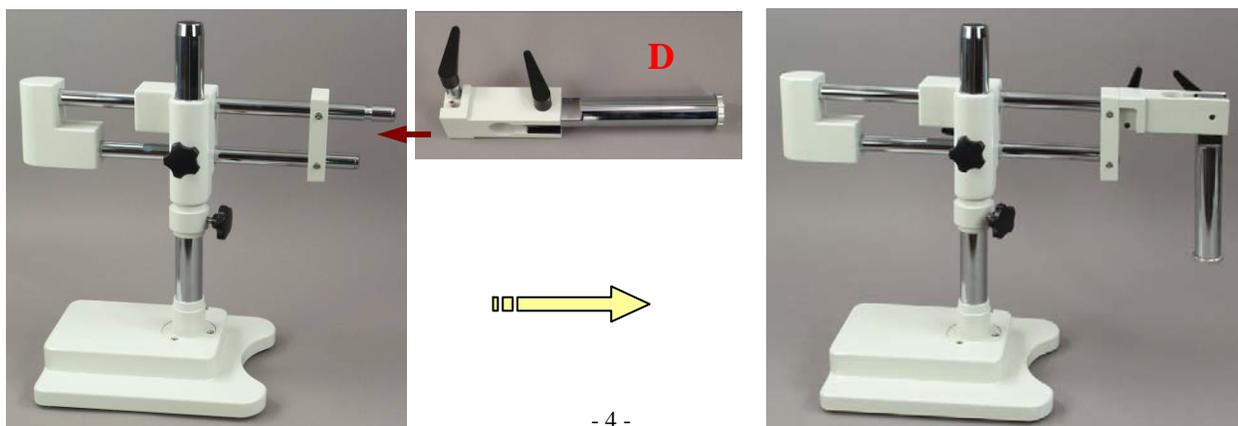
- (1) Loosen the **knob 1** then move the support collar to the required mounting height for Part C, and then tighten the **knob 1**.
- (2) Tighten the **handle 1** to prevent the bars from moving. Tighten the set **screw 2 & 3** to prevent the block from falling off.
- (3) Slide **horizontal bars** onto the **vertical post** from its top as shown.
- (4) Tighten the **knob 2** as required.



4) Mount Part D (Swing Arm) onto the assembly

- (1) Loosen **set screw 4** and **handle 2**.
- (2) Mount the **swing arm** onto the upper **horizontal bar** as shown.
- (3) Align the **set screw 4** to the circular slot at the end of upper bar, tighten the **set screw 4**.
- (4) Tighten the **handle 2**.
- (5) Move the block on the bars to the right till touch to the swing arm. Tighten the set **screw 2 and 3**.

Note: An extension bar (not included) is needed to tighten the **handle 2**.



5) Mount Part E (Focusing Block) onto the assembly

- (1) Take off the cap on the lower end of **swing arm**.
- (2) Slide the **focusing block** on to the **swing arm**, and then screw the cap back on.
- (3) Tighten the **knob 3**.

