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# UNITRON®



## 23798 ROLLING FLOOR STAND ASSEMBLY INSTRUCTIONS

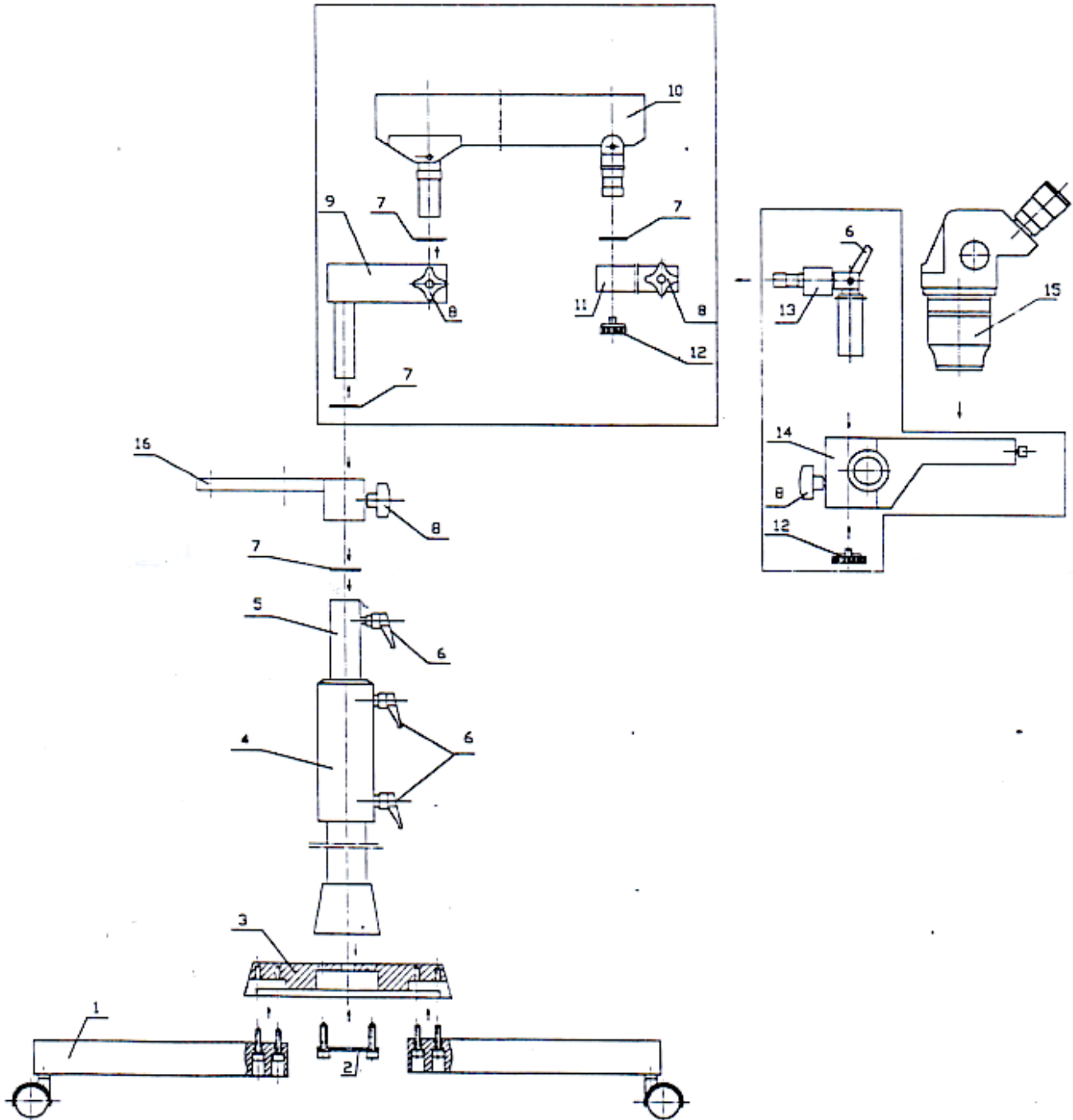
## CONTENTS

SAFETY NOTES.....	2
ASSEMBLY OVERVIEW .....	3
DETAILED ASSEMBLY INSTRUCTIONS.....	4
Assembling the base .....	4
Attaching the vertical post.....	4
Assembling the articulating arm .....	5
Install bonder arm .....	6
Installing microscope focus mount.....	7

## SAFETY NOTES

- Open the shipping carton carefully to prevent loss or damage to any part or accessory.
- Assembly requires two persons.
- Always work on level, flat surface
- Use and operate the floor stand on a level, flat surface.
- When not transporting the floor stand, always lock all locking casters.
- Add optional accessory weight (P/N 23799) when microscope weight may exceed 12lbs. Accessory weight may be added for increased stability even if microscope weight is well below 12lbs.

# ASSEMBLY OVERVIEW DIAGRAM

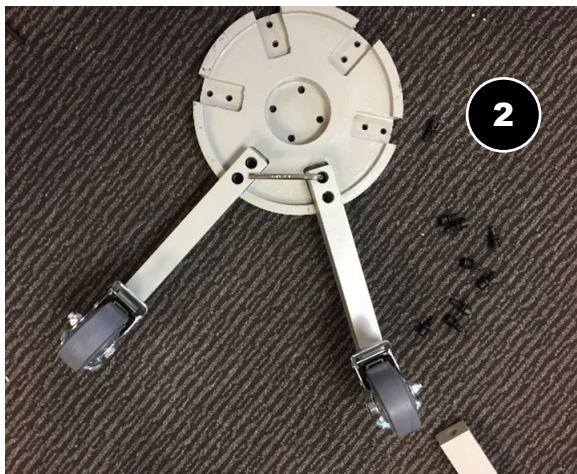


## DETAILED ASSEMBLY INSTRUCTIONS



### Assembling the Base

1. Place base upside down on level floor surface. To avoid damaging the finish, place on a piece of carpet or heavy paper.
2. Attach legs with the provided hex screws and hex wrench. Be sure to orient the legs with the casters facing up.

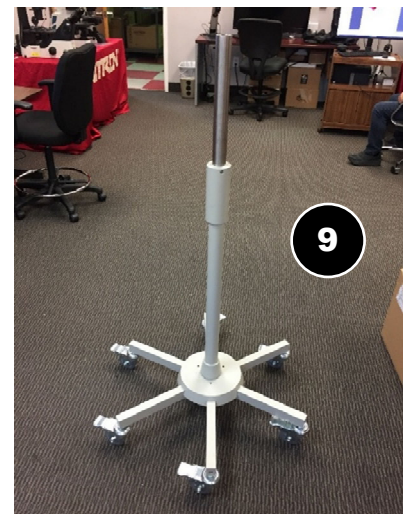
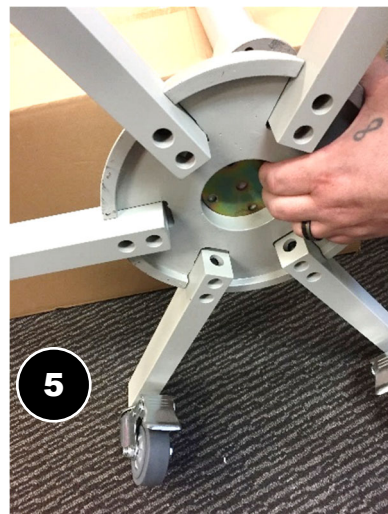
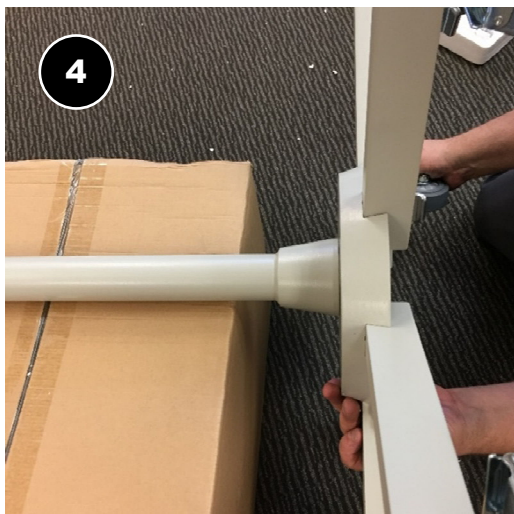


### Attaching the Vertical Post

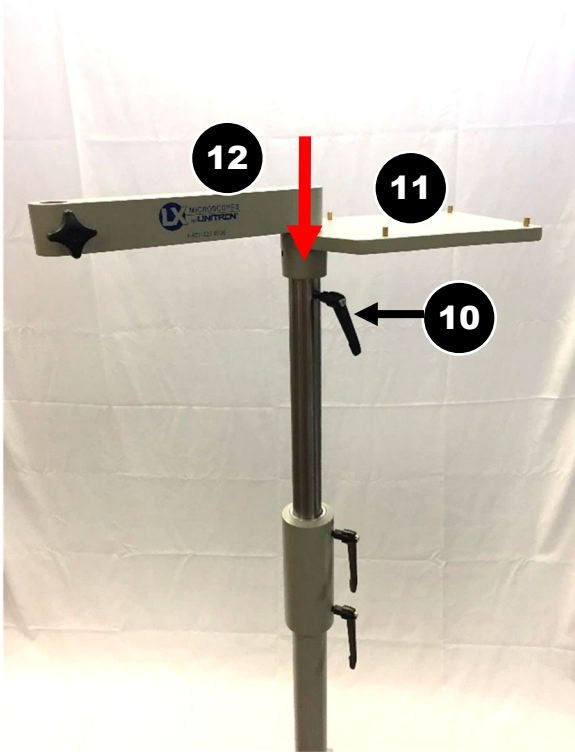
3. With assistance of a second person, hold the base assembly on its side.
4. Position the bottom of the vertical post assembly so the 4 holes on the bottom align with the 4 holes in the center of the base assembly.
5. Place the metal plate on the bottom side of the base assembly as shown to the left.
6. Insert hex bolts through the metal plate, the holes in the base and into the tapped holes in the bottom of the pillar.
7. To facilitate alignment, leave the bolts slightly loose.

**NOTE:** Do not tighten the hex bolts until all bolts have been inserted.

8. Tighten all bolts with the provided hex wrench.
9. Place the stand upright on a flat, level floor as shown in the photo to the left.



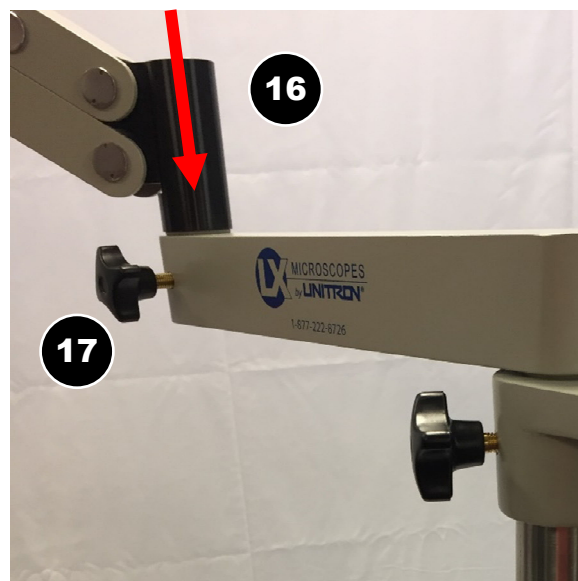
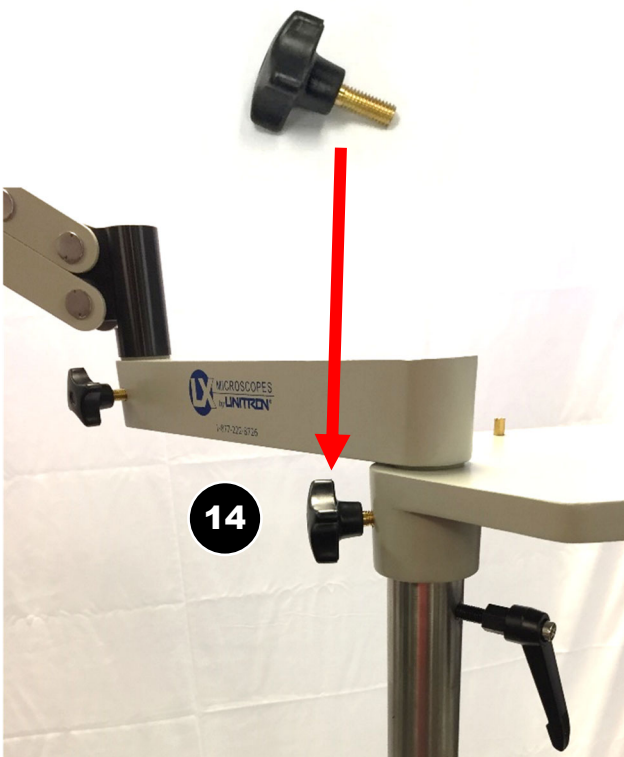
## Assembling the Articulating Arm



10. Loosen the locking lever.
11. Place the accessory tray on the vertical post. **NOTE:** the orientation of the 4 metal screws that protrude from the top surface of the accessory tray.
12. Place the horizontal extension arm onto the vertical post above the accessory tray. Be sure the arm slides all the way down to a stop.
13. Secure the horizontal extension arm to the vertical post by tightening the locking lever.
14. Thread in the screw knob to secure the accessory tray position.
15. To adjust the rotation of the accessory tray and/or horizontal extension arm, loosen the screw knob for the accessory tray or the locking lever for the arm. Tighten both the screw knob and the locking lever when the accessory tray and horizontal arm extension are in the desired position.

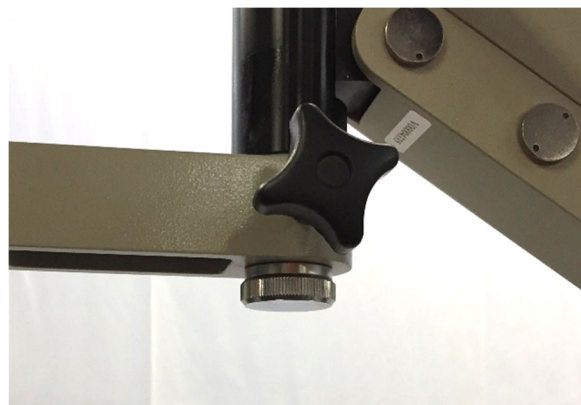
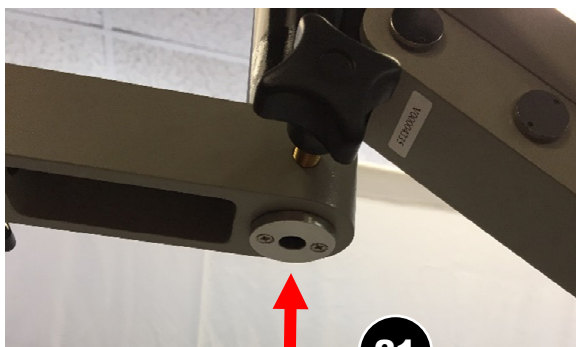
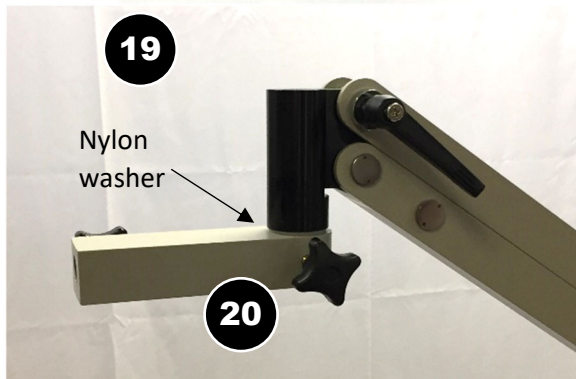
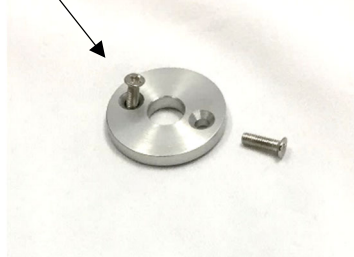
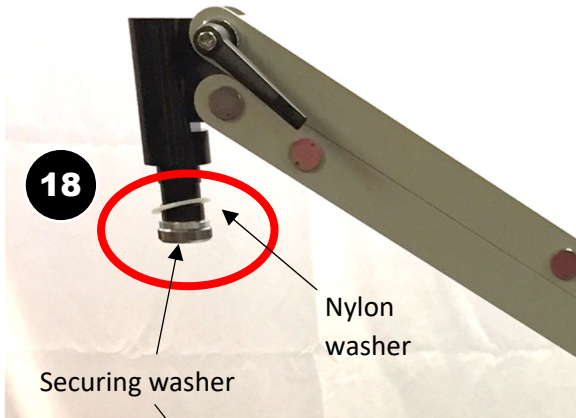
**NOTE: DO NOT USE the stand** (with or without a microscope) **if any adjustment points on the vertical post are not fixed.** Check that all locking levers and screw knobs on the vertical post are tightened before using the stand.

16. Insert the articulating arm into the horizontal extension arm.
17. Secure by threading in a screw knob.



### Installing the Bonder Arm

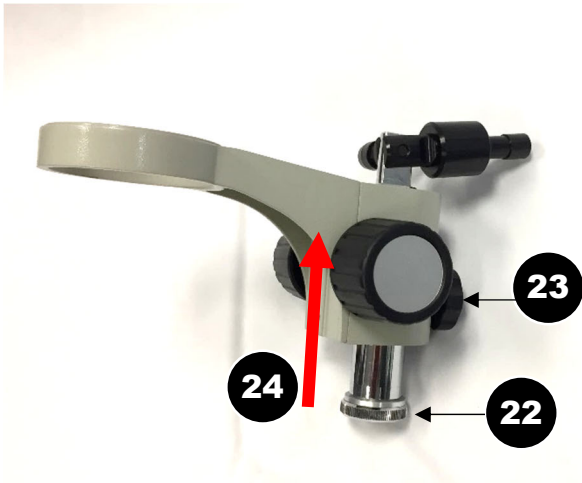
18. Remove aluminum securing washer from the drop post of the articulating arm (see red oval in photo). This will require a Philips screwdriver (not included).
19. Slide bonder arm onto drop post. Be sure the nylon washer is between the bonder arm and drop post. Tighten the screw knob to hold the bonder arm in place.
20. Replace the securing washer to the bottom of the drop post.
21. Thread in the metal thumb screw into the bottom of the drop post and securing washer.



## Installing the Microscope Focus Mount

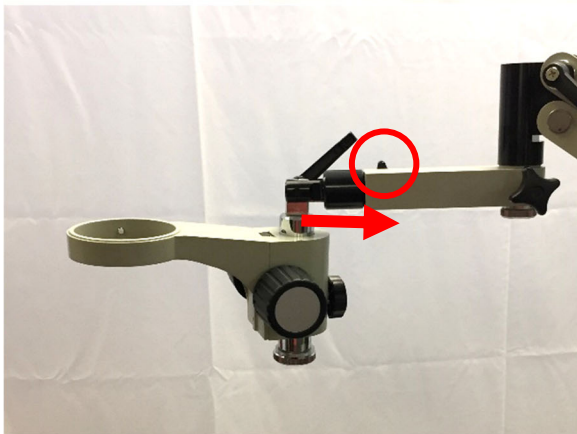
### Assemble the focus mount

22. Remove knurled locking screw and washer from the bottom of the chrome drop post.
23. Loosen the screw knob of the focus mount and slide the mount onto the drop post.
24. Replace the washer and knurled locking screw to the bottom of the drop post and tighten.
25. Orient the focus mount as shown in the photo to the left and tighten the screw knob to hold the position.



### Install the focus mount to the articulating arm

26. Loosen the locking lever on the bonder arm (see red circle on photo to left).
27. Insert the black post of the drop post into the bonder arm. Be sure the post is completely inserted.
28. Tighten the locking lever to secure the focus mount.



## TECHNICAL DESCRIPTION

### CONSTRUCTION:

Heavy-duty steel and cast aluminum with powder-coated finish  
Adjustable vertical post from 30" to 60".  
2.25"H X 1.5"W polymer casters non-marking, with brakes.

### MOUNTING:

Coarse focus mount with Ø76mm yoke.  
Cable management for illumination and accessories.  
Maximum downward angle from horizontal is -20°.  
Maximum upward angle from horizontal is 20°.  
Maximum recommended load at end of articulating arm (maximum extension, vertical post at highest position) is 12lbs. Optional accessory weight (P/N 23799) is recommended for heavier microscope (not to exceed 25lbs.) or for increased stability as desired.

### SYSTEM:

Package includes floor stand, brake casters, articulating arm, Ø76mm focal mount, accessory tray, and cable management clips.

### ACCESSORIES:

24.4lb (12kg; P/N 23799) optional accessory weight mounts under base.

## MAINTENANCE

Wipe down the stand using a soft cloth slightly dampened with a mild detergent. Wipe with a clean cloth dampened with water to remove residual detergent. Wipe dry with soft dry cloth.

After cleaning the chrome steel vertical post, a light weight oil may be lightly applied to aide in the prevention of corrosion.

## LIMITED WARRANTY

This microscope stand is warranted to be free from defects in material and workmanship for a period of five (5) years for mechanical components from the date of invoice to the original (end user) purchaser. This warranty does not cover damage caused in-transit, misuse, neglect, abuse, or damage resulting from improper servicing or modification by other than UNITRON® approved service personnel. This warranty does not cover any routine maintenance work or any other work, which is reasonably expected to be performed by the purchaser. Normal wear is excluded from this warranty. No responsibility is assumed for unsatisfactory operating performance due to environmental conditions such as humidity, dust, corrosive chemicals, deposition of oil or other foreign matter, spillage, or other conditions beyond the control of Unitron Ltd. This warranty expressly excludes any liability by Unitron Ltd. for consequential loss or damage on any grounds, such as (but not limited to) the non-availability to the End User of the product(s) under warranty or the need to repair work processes. Should any defect in material or workmanship occur under this warranty contact your UNITRON® distributor or UNITRON® at (631) 543-2000. This warranty is limited to the continental United States of America. All items returned for warranty repair must be sent freight prepaid and insured to Unitron Ltd., 73 Mall Drive, Commack, NY 11725 – USA. All warranty repairs will be returned freight prepaid to any destination within the continental United States of America. For all foreign warranty repairs, return freight charges are the responsibility of the individual/company who returned the merchandise for repair.

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