

Universal Microtome Aligner INSTRUCTIONS

IMPORTANT NOTE

To receive optimal performance from this alignment tool, your specimen head clamp must be free of any debris and your microtome must be level; to ensure that your microtome is level, simply use the removable bubble level that is included with the aligner.

- 1 Remove Blade from knife holder
- 2 Move microtome specimen head all the way back to the “home” position.
- 3 Insert Alignment tool into the specimen head clamp with the bubble level facing up (see figure #1).
- 4 Release orientation head locking lever so that the orientation head can be adjusted.
- 5 Slowly move specimen head forward from “home” position until alignment bar on tool is almost touching the backside of the knife holder (see figure # 2). You may need to manually lower the specimen head with hand wheel to match up the alignment bar with the back side of the knife holder (see figure #2).
- 6 Adjust the gap between knife holder and alignment bar so the left and the right side of alignment bar has the same amount of gap. You may need to advance or retract specimen head to get the best position. This will adjust the “Z” axis alignment (see figure #3).
- 7 Center the bubble in circle level by adjusting the “X” and “Y” axis. (see figure #3)
- 8 Once the bubble in the level is centered, lock orientation head with locking lever.
- 9 Re-check the alignment bar gap (steps 5 & 6)
- 10 Your microtome orientation head should now be aligned!



Figure #1

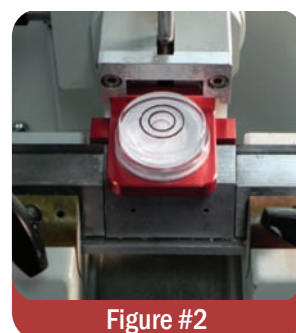


Figure #2

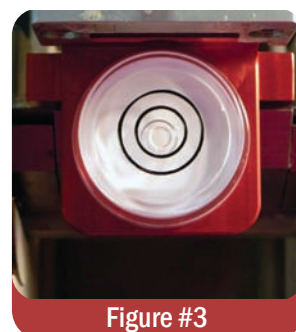


Figure #3