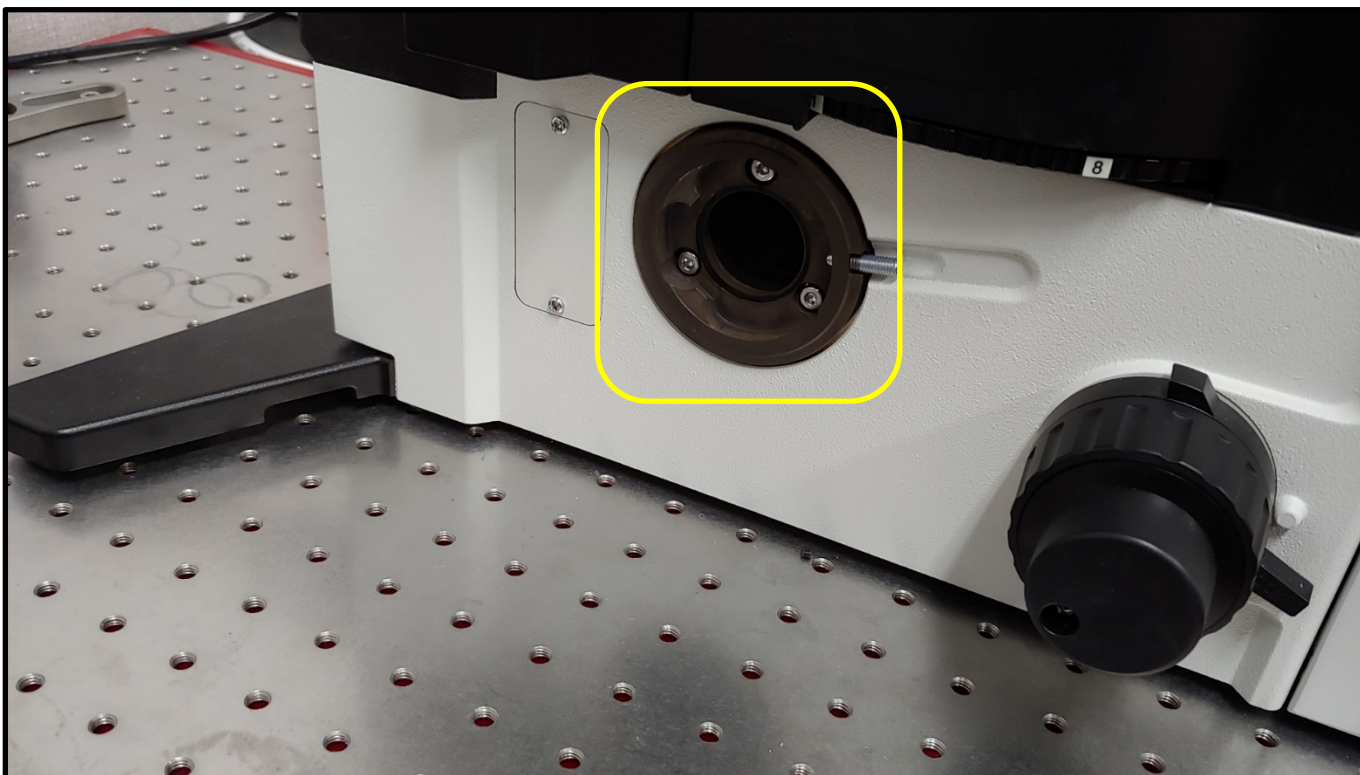
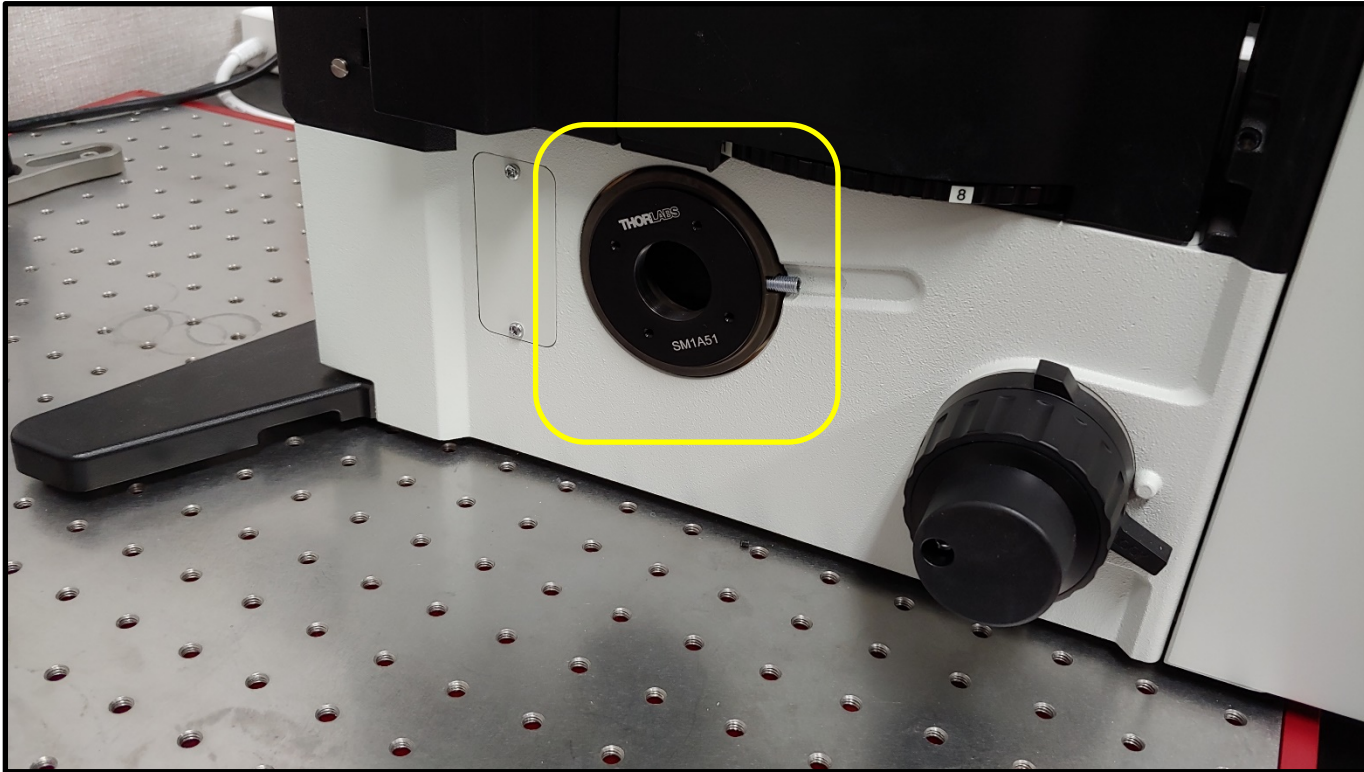


How to convert fluorescence microscope  
into **hyperspectral imaging** microscope  
with **FWS Poly**

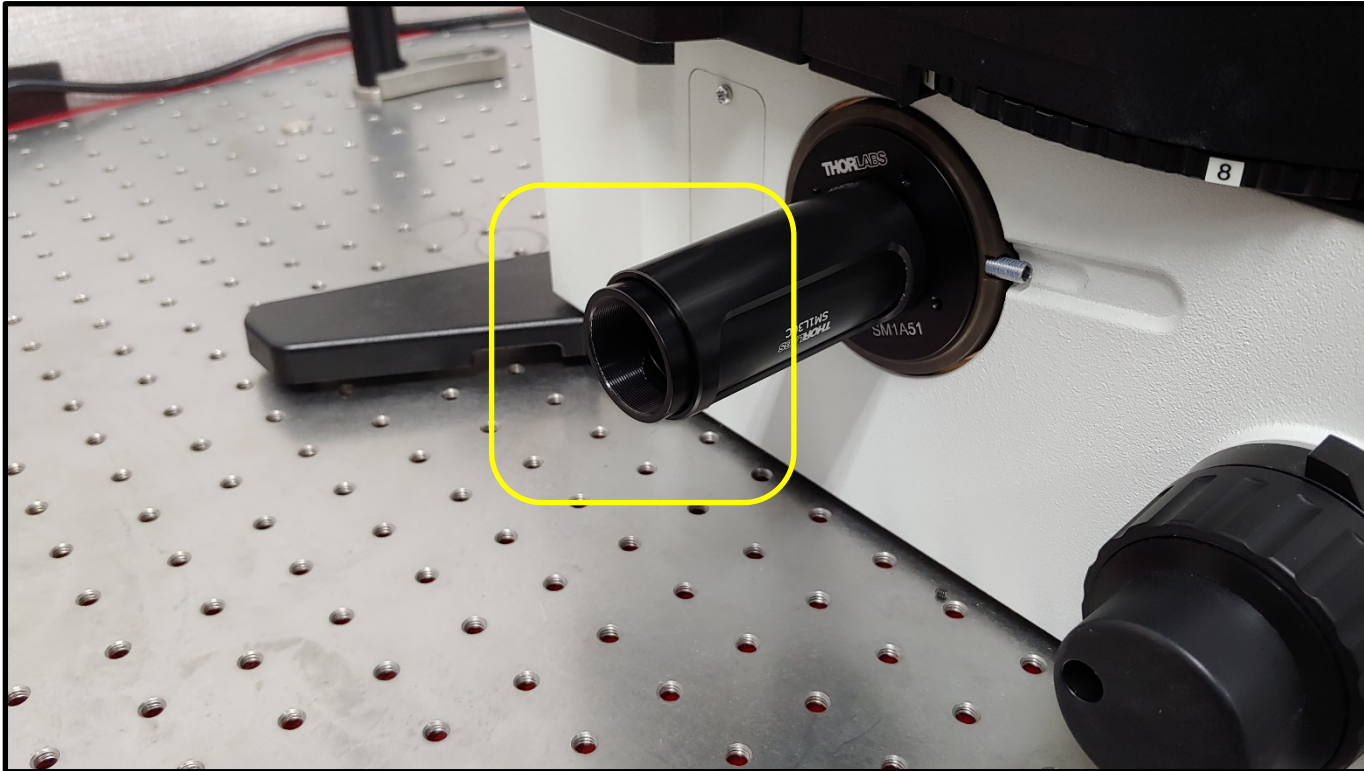




To convert your commercial fluorescence microscope into a hyperspectral imaging microscope, you need to attach FWS Poly into the emission port of your microscope. First, remove the camera attached at the **emission port** of your microscope

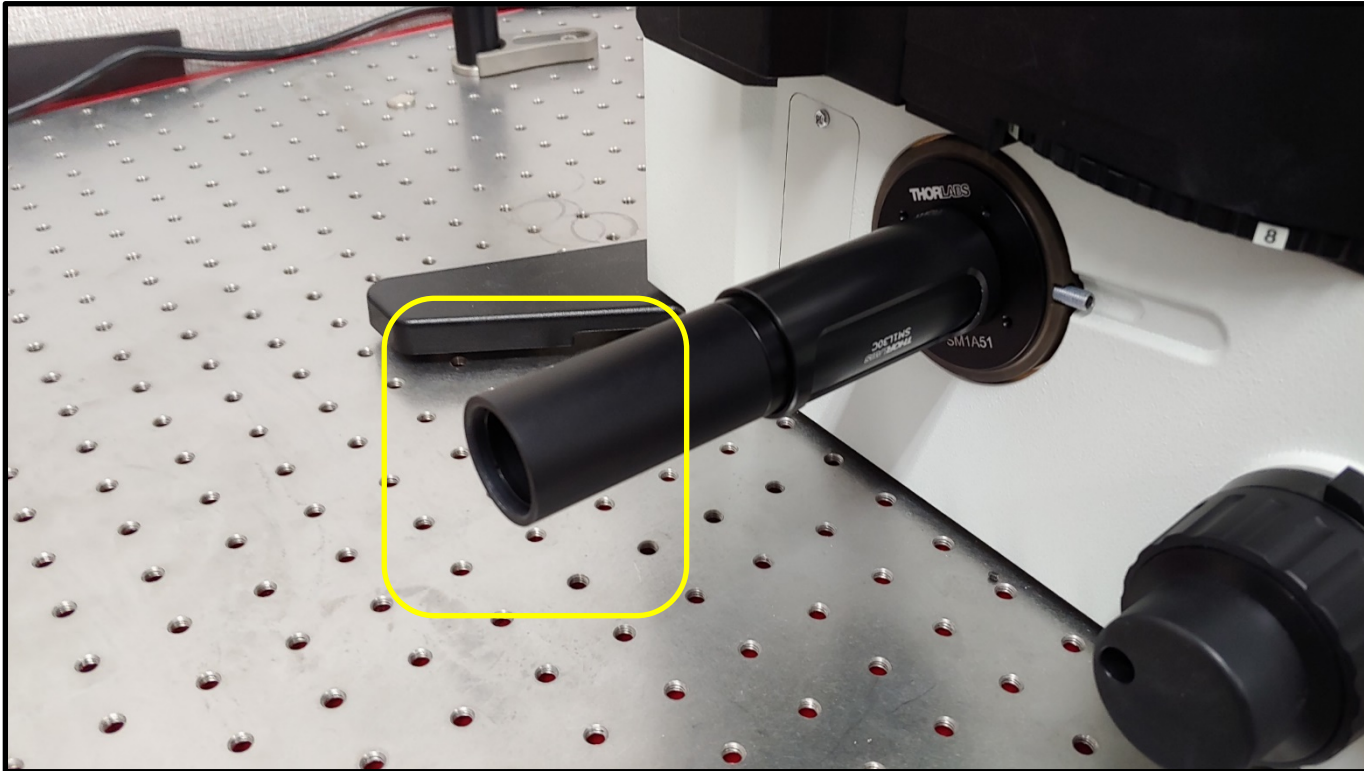


Next, attach the **emission port adapter** for attaching lens tube. The adapter is available for different types of commercial microscopes.



Then, screw in the **first lens tube** to the attached microscope adapter. The length of this lens tube will depend on the type of the user's microscope.

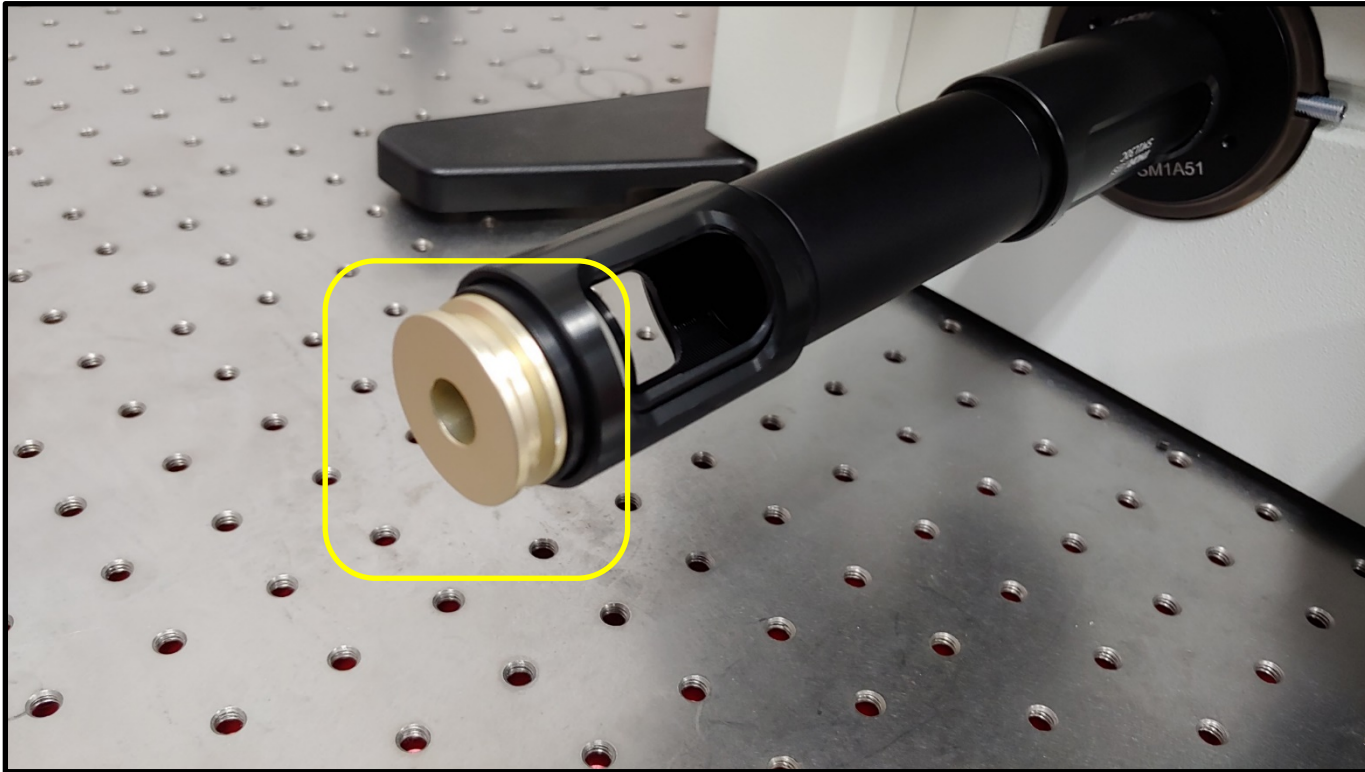




Then, screw in the second lens tube. The length of this tube is about 3 inches.



Then, screw in the **third lens tube**. The length of this tube is about 2 inches and contains a lens.



Then, screw in the provided **gold adapter**.

# Convert to hyperspectral imaging microscope with FWS Poly



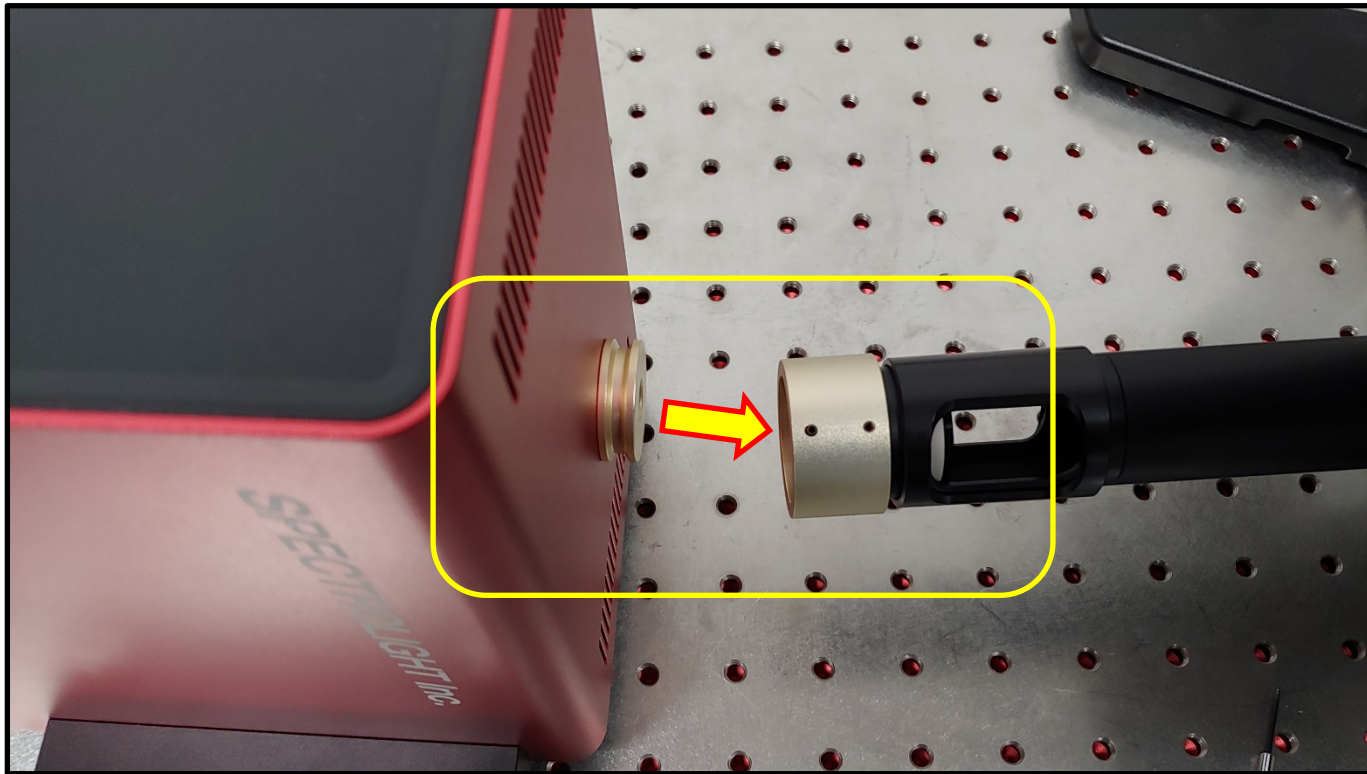
Then, assemble the gold connecting adapter.



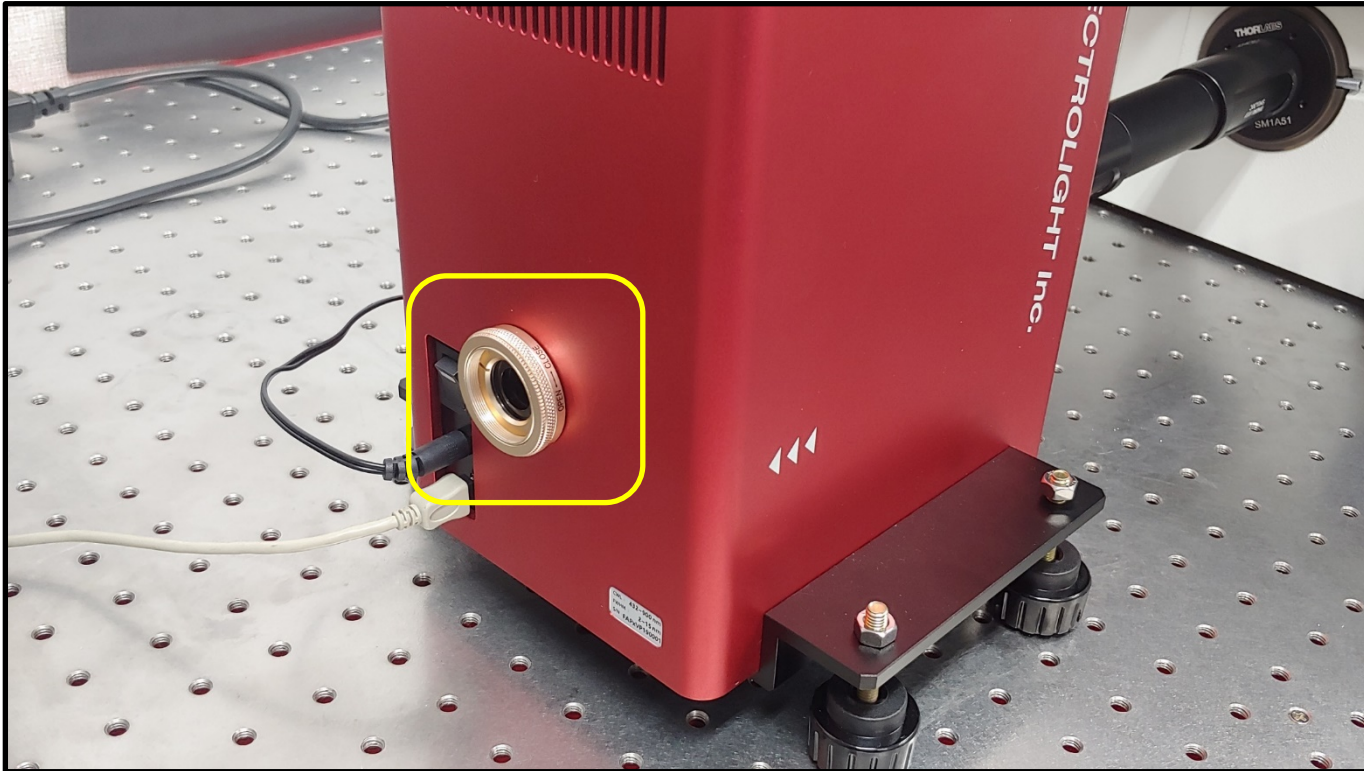
# Convert to hyperspectral imaging microscope with FWS Poly



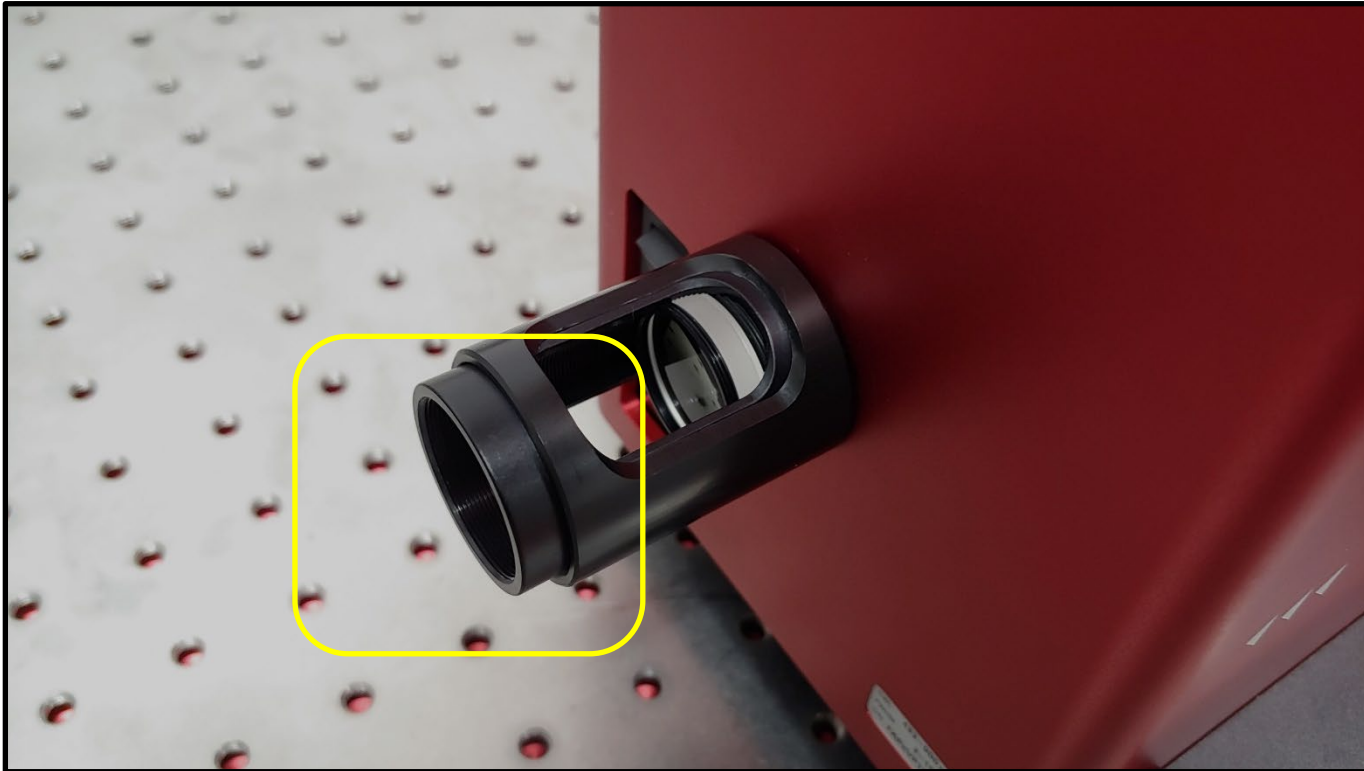
Place FWS Poly on the provided height adjustable platform for FWS Poly. The screws can be used to adjust the balance and height of FWS Poly.



Connect FWS Poly to the **gold connecting adapter**.

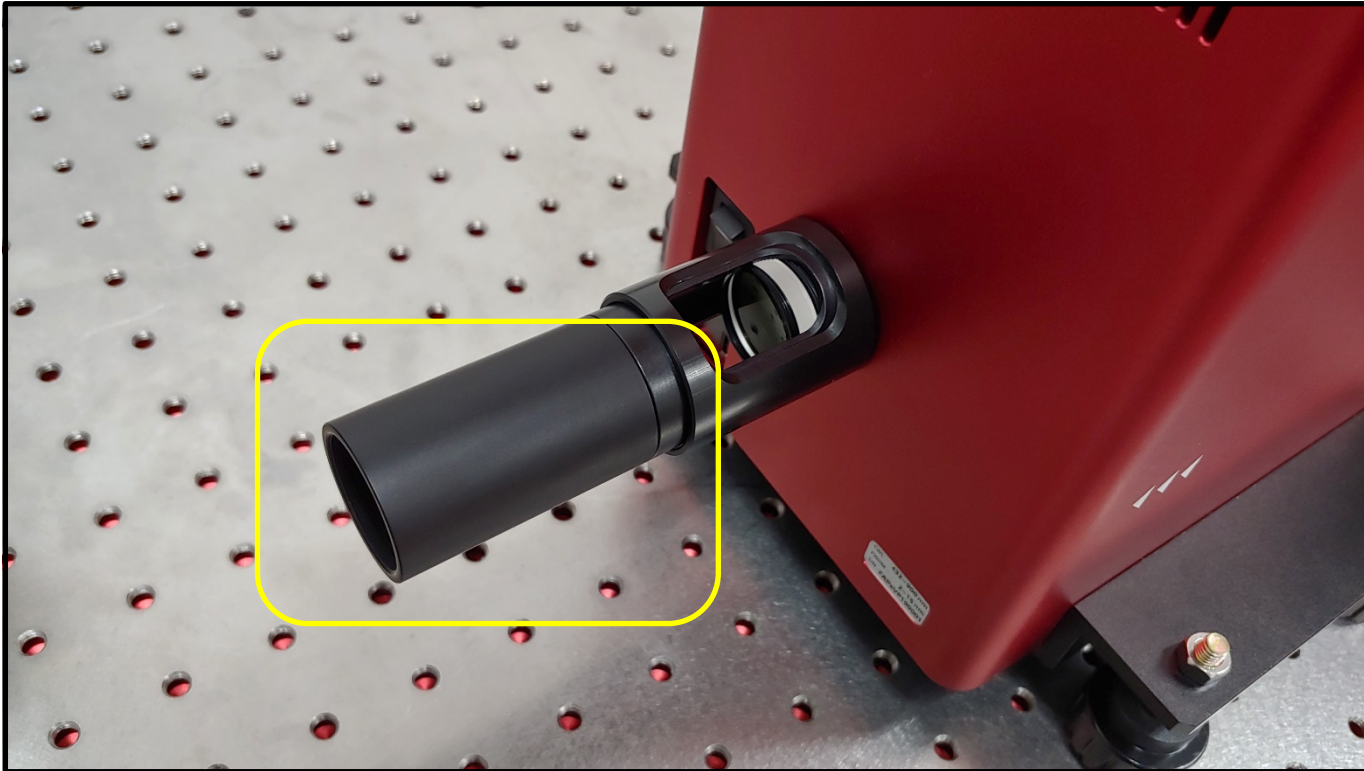


Remove the **gold iris** at the output port of FWS Poly.

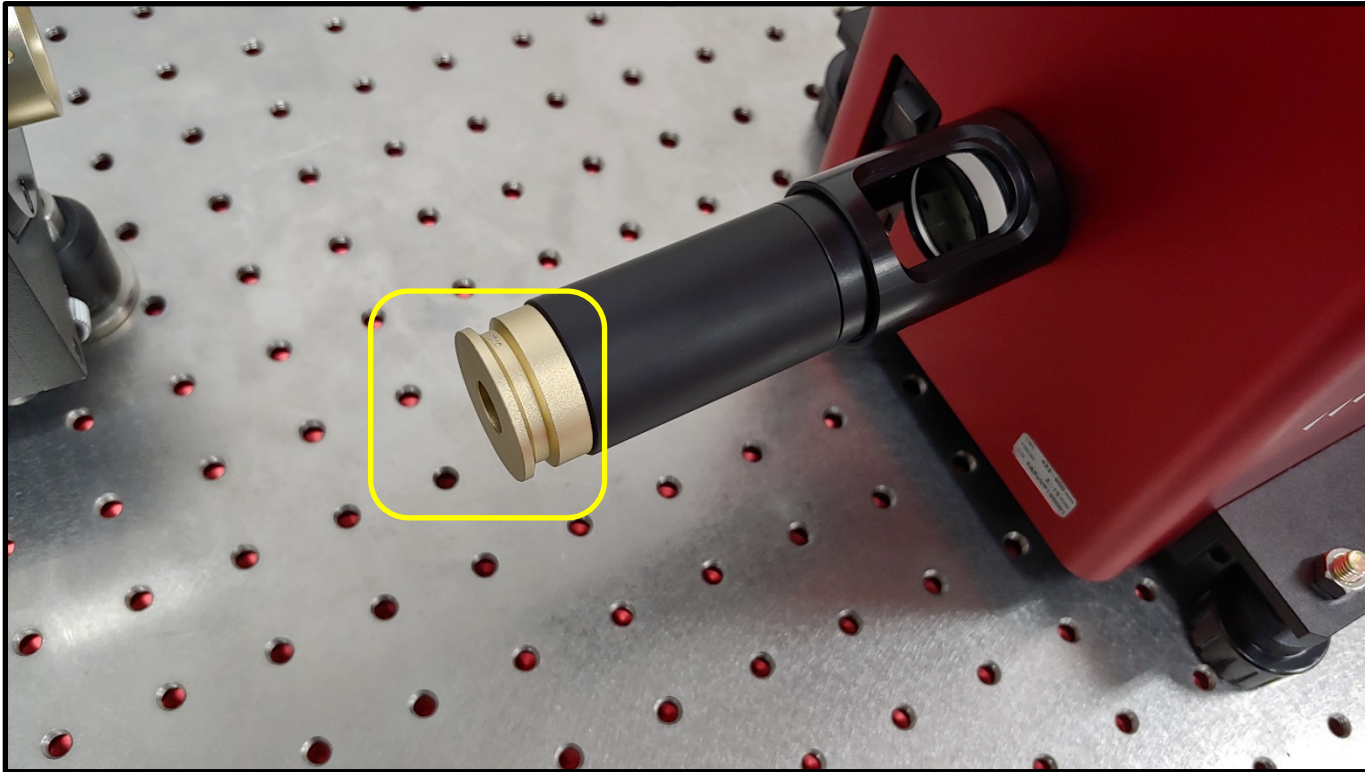


At the output port of FWS Poly attach the lens tube. This lens tube contains lens and is about 2 inches long.

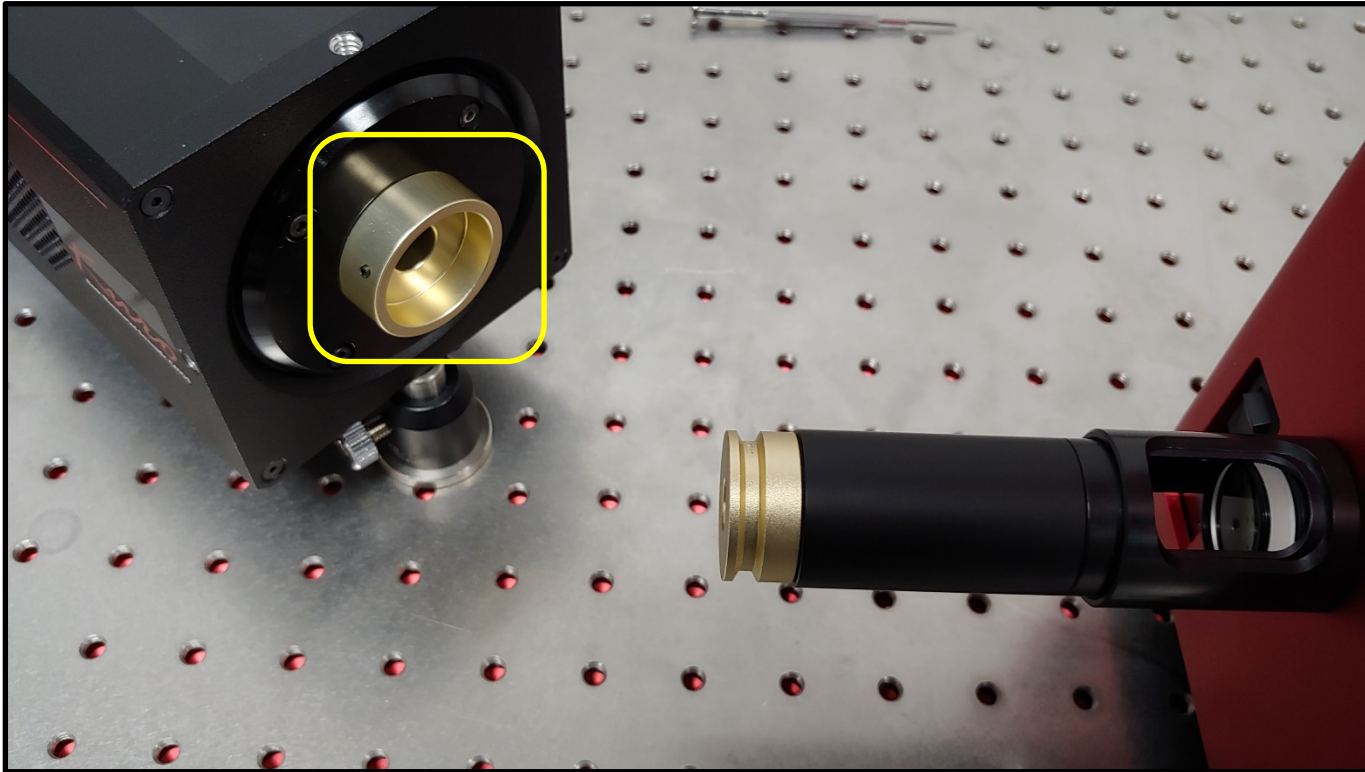




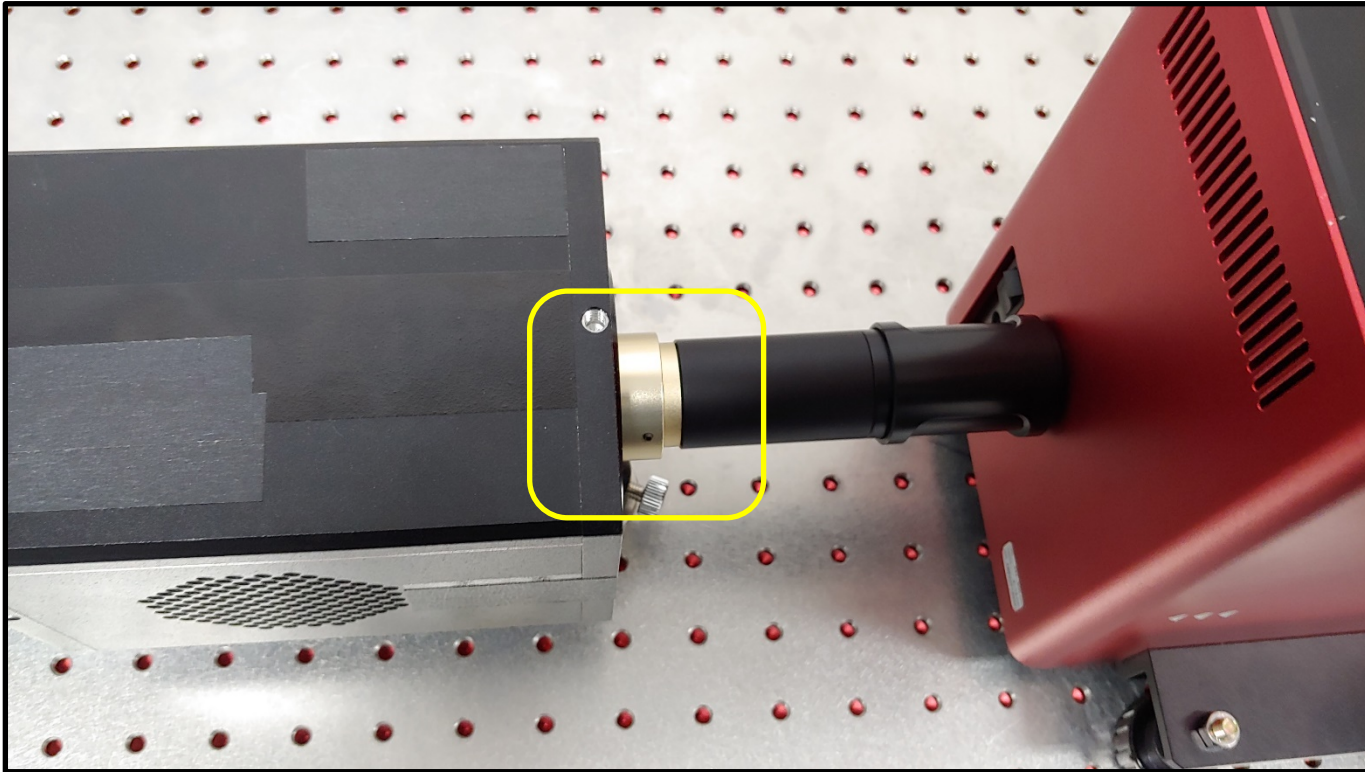
Attach the last **lens tube**. This lens tube doesn't contain any lens and is about 3 inches long.



At the output port of the lens tube attach the gold adapter.



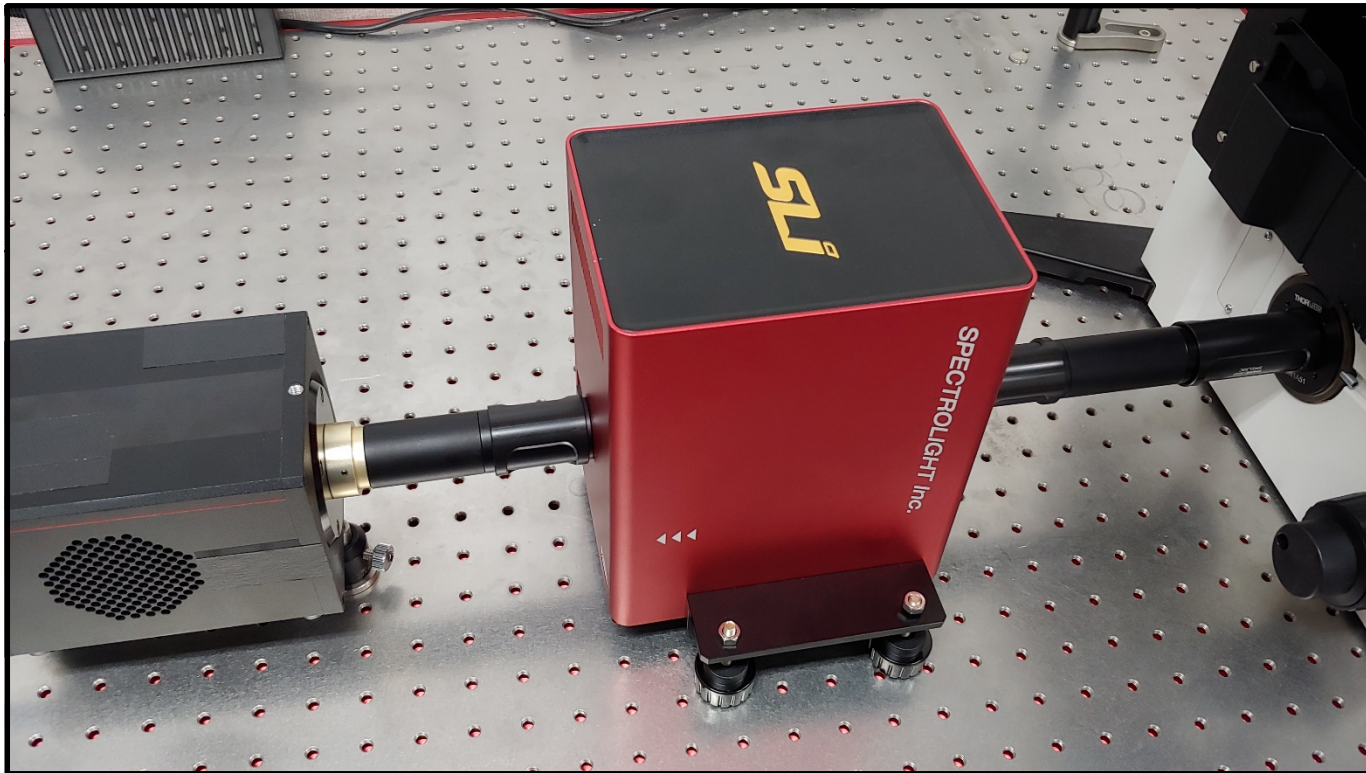
Assemble the provided **c-mount gold adapter** to the camera.



Assemble the c-mount gold adapter to the gold adapter.

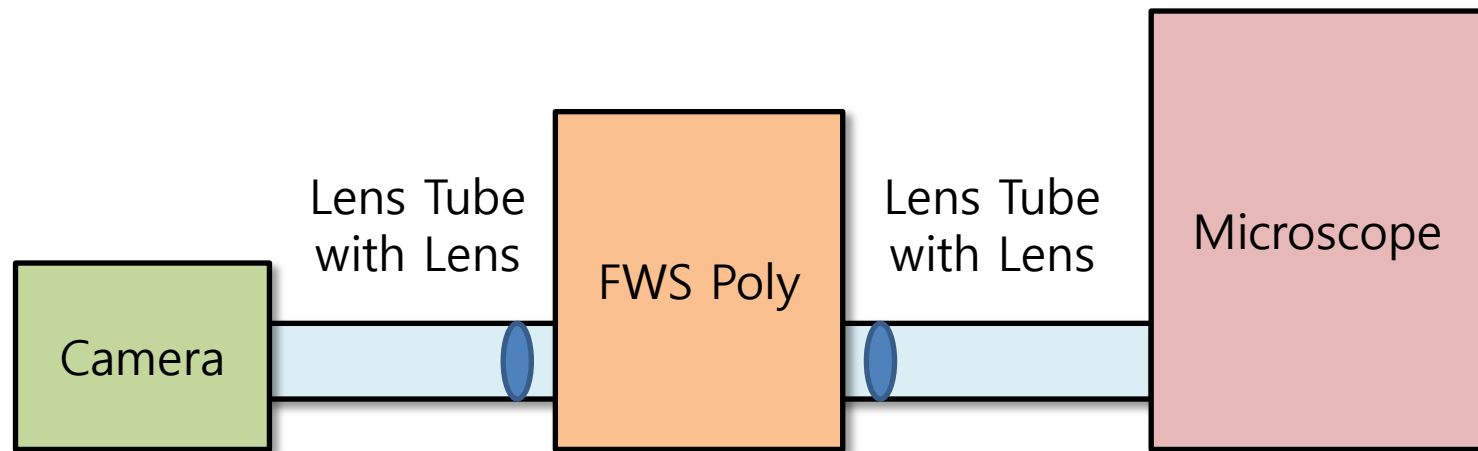


# Convert to hyperspectral imaging microscope with FWS Poly



This is the final assembly. For acquisition of data please refer to the link below.

<https://www.youtube.com/watch?v=pecAWSiq3Zs>



Here is a schematic diagram to show the overall assembly of FWS Poly to microscope.



*Light Done Right!*