



Swapping out your FC
adaptor for an SMA adaptor

Neurophotometrics Ltd.

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EX. ↓

470 415

LYMPUS

2/8

LYMPUS

Components

- SMA adaptor
- Optional:
 - Spanner wrench (maybe necessary) We use this [one](#).
 - Rubber band
 - #2 Phillips Screwdriver

Preparing your 5 Axis Translator

- Unscrew each of your rotational axis (3 knobs furthest away from your objective) counter-clockwise.
- End result: The face of the translator is as far away as possible from the objective.



Remove the objective

Note: You can do this without the objective, but it is good practice to take out the objective to avoid scratching.

- Unscrew the objective clamp with a #2 Philips Screwdriver
- Use two small fingers (typically your pinkies) or a rubber band to reach underneath the objective and pull it out.

Removing the FC Adaptor

- Use your fingers, wearing gloves helps to grip the adaptor, and turn counter-clockwise.



Removing 470/415 Subassembly

- Gently remove the adapter when fully screwed out.



Final Touches

- To install your SMA adaptor, place your adaptor, flat face towards the objective, and screw clockwise.
- You may need a Spanner Wrench from Thorlabs to adjust the retaining rings. This is unlikely, but the FC adaptor is thinner than the SMA meaning the threads may not catch.
 - If needed, loosen the first retaining ring by twisting counter-clockwise with the wrench.
 - While pressing your index finger on the first and second retaining rings(should be touching the first) twist clockwise to lower both rings.
 - Hold the second retaining ring in place with your finger and use the wrench and twist the first ring clockwise to tighten into place.
 - Now install your SMA adaptor!
- Align as normal!

You're Done!

Thank you for your cooperation.

Please let us know if you have any questions or feedback !

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