



EXI-410 Fluorescence Filter Cube Installation

TO PREVENT DAMAGE TO THE FILTER CUBES OR MICROSCOPE, THE FILTER CUBES MUST BE PLACED CORRECTLY.

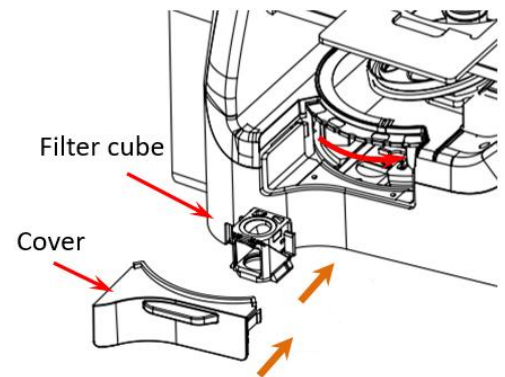
PLEASE READ AND CAREFULLY FOLLOW THESE INSTRUCTIONS.

Handling the Fluorescence Filter Cubes

- Never touch any area of the filter cube other than the black casing.
- Be sure to carefully reinstall the turret cover to avoid breakage.
- Fluorescence filter sets must match the fluorescence LED excitation light source and the fluorescence probes used in the application. Please contact ACCU-SCOPE with any questions about compatibility.
- If replacing an existing filter cube, remove that filter cube first from the position into which the new filter cube will be placed **by grasping the cube on the sides with your thumb and forefinger and slide the cube out** (you will feel it “unclick” – see page 17).

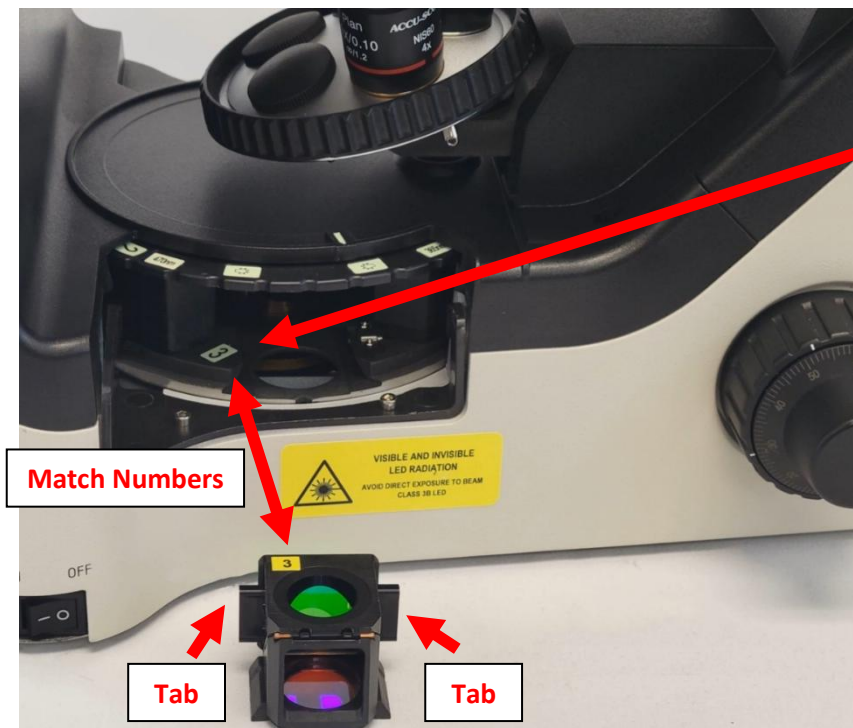
Installing Fluorescence Filter Cubes

1. Remove the cover from the fluorescence turret access door on the left side of the microscope by pulling the cover handle.
2. Rotate the filter turret **by hand from the notches on the top of the turret** to a position that accepts a filter cube.



3. Cubes are **numbered** according to their position in the turret. **Match** the number on the cube to the position number on the turret.

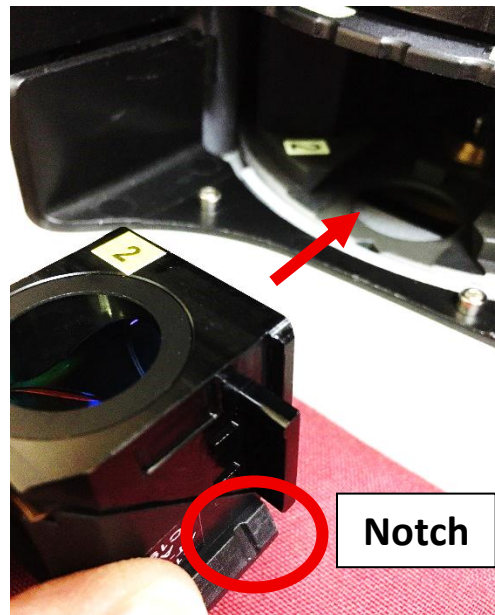
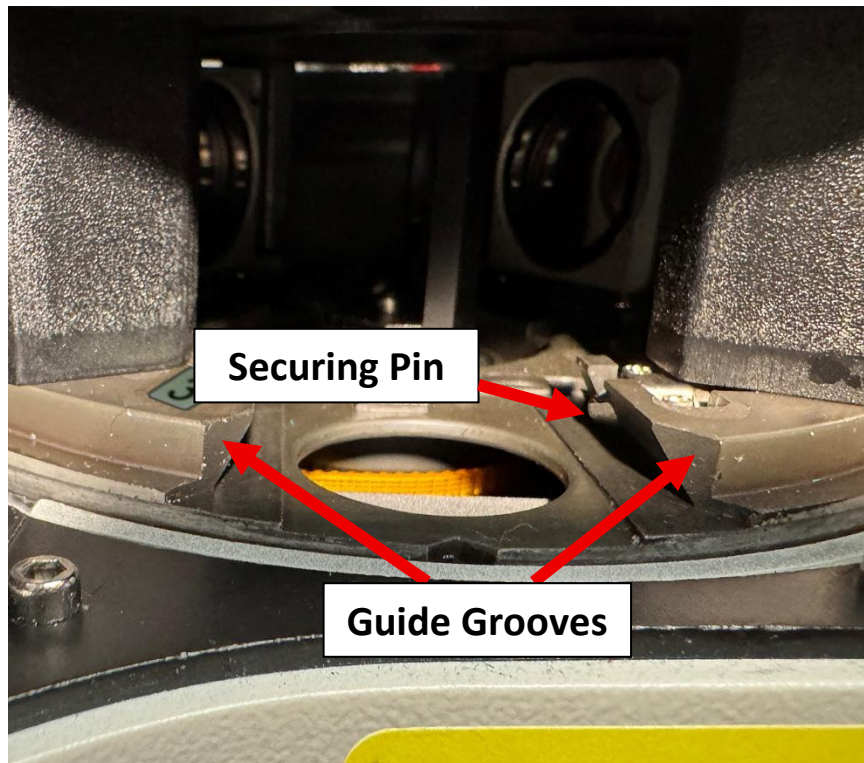
The cubes should also be installed with the **TABS** on the cube inserted facing toward the back of the cube slot.



BEFORE INSTALLING THE CUBES SEE NEXT PAGE FOR PROPER ALIGNMENT

Installing Fluorescence Filter Cubes *(continued)*

NOTE: There is a **securing pin** on the right side of the inside of the turret for each filter position and **guide grooves**. Each filter cube has **notches** on the bottom left and right sides of the cube (see below, right). The filter cube will be installed properly when the **notch** on the bottom right side clicks into place on the **securing pin**.



4. To install a filter cube, align the cube with the **TABS** facing toward the slot and slide the filter cube between the **GUIDE GROOVES** until the notch clicks into place on the **SECURING PIN**.

When the filter cube is inserted correctly, you will feel and/or hear a "click."

5. Above shows the filter cube is properly installed.
6. Replace the filter turret cover.