

Nikon widefield Ti2 base update

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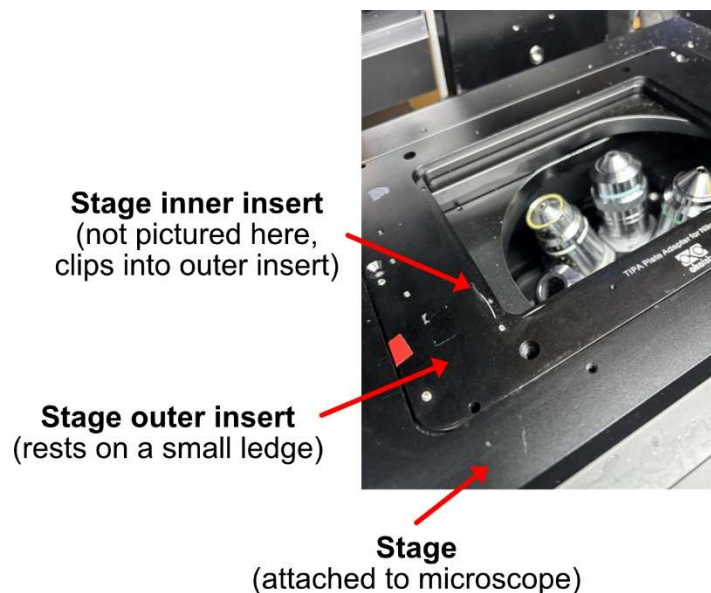
Loading your sample into the new Ti2 stage:

There are two inserts for the Ti2 stage: an outer insert and an inner insert.

The outer insert is a large black plate with an empty center, either with a large silver clip at the corner to hold a wellplate directly or with two small silver clips at the corner to hold an inner insert (pictured here). The outer insert sits on small ledges on the sides of the stage. It can be screwed into the stage for long-term videos.

The inner inserts are the environmental chamber or the universal holder to hold a dish or a slide. To add the inner insert, place the corner of the inner insert against the small silver pins first, depress the pins into the side of the outer insert, and slip the other corners of the inner insert into the outer insert until the inner insert is held tightly by the outer insert.

Other inserts to hold multiple slides, a dish and a slide, or a wellplate can be placed inside the environmental chamber.



Moving the stage and getting your sample in focus on the new Ti2 base:

Use the joystick like normal. The Z and XY speeds are now both controlled by buttons on the joystick. The Z wheels on the side of the joystick function the same as the Z wheels on the sides of the microscope base to change the Z height. The Z wheels will not function when PFS is on and locked onto the focal plane.

The PFS button has moved from the microscope base to the joystick.

On the microscope base, the wheels on the side control the Z height. The Z wheels will not function when the PFS is on and locked onto the focal plane. The Z speed button has moved to the outside of the Z wheel.

There is no PFS button on the microscope base anymore. The PFS button is on the joystick or in the software. The PFS indicator on the base shows that the PFS is off (no light), the PFS is on but not locked in (blinking green light), or the PFS is on and locked in on the focal plane (solid green light).

The PFS wheel and the PFS wheel Z speed button function as before.

