

Prior Scientific Help Guides and Installation Instructions

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# Installing a HLD117 Linear Motor Stage on a Nikon Microscope

These instructions are for adding the HLD117 motorised stage to a Nikon Ti microscope. These should be applicable to all varieties of the Nikon Ti microscope. If you are uncertain, then please consult Prior Scientific BEFORE attempting installation.

**REMEMBER: ALWAYS REMOVE THE OBJECTIVES AND CONDENSER BEFORE INSTALLATION TO AVOID EXPENSIVE DAMAGE!**

Remove the objectives, condenser, and any other items that may interfere with the placement of the stage, including any stage currently present. Fix the mounting bracket to the front of the microscope using M5 x 10 countersunk screws. No mounting bracket is required on the back.

Ensure the stage is orientated correctly (with the Prior Logo, and the recessed portion of the baseplate, towards the front). Place the stage onto the microscope. The front of the stage should rest it on the baseplate; secure it using M4 x 8 socket head cap screws from the underside of the bracket. The rear of the stage should be secured by two M5 x 20 socket head cap screws into the holes on the microscope frame itself.

