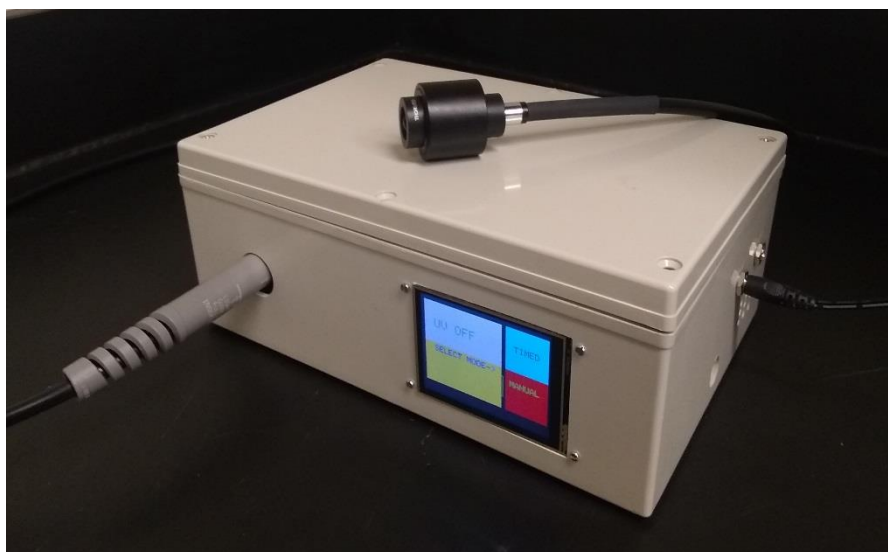


LED flash controller and attachments

CAUTION !

Never bend light-guide to less than 10 cm radius

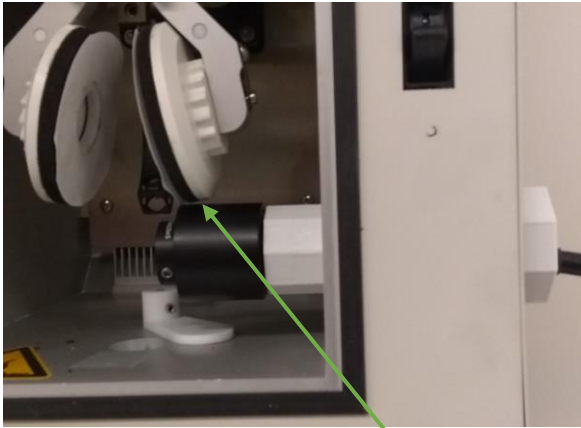
Support any long hanging segment (e.g., when installing on the Leica system) of the lightguide with something (e.g. arm of a ring-stand) that is not sharp.



Operation mode Timed (Timed Blue light triggering):

- Select LED power level. Usually 100%.
- Select 'Timed' mode. [The system is programmed to turn the LED on for 6 seconds]
- Load sample on the grid in Vitrobot chamber and proceed to **blotting step**.
- Select/touch the 'START' after the blotting has started [blotting arms have closed].

Properly installed Light-guide and the
lens assembly on Vitrobot




The lens assembly should not block the vertical movement of the plunger, and sideways movement of the blotting arms

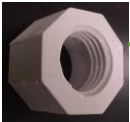
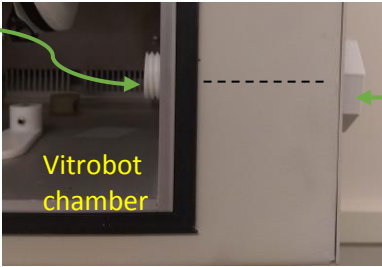
Installation steps for Vitrobot Mark IV

- 1**


Insert white plug through loading port


- 2**


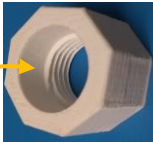
Install the white-nut onto the threaded portion of the plug (Thread-side touches)



- 3**

Push light-guide through attachment parts

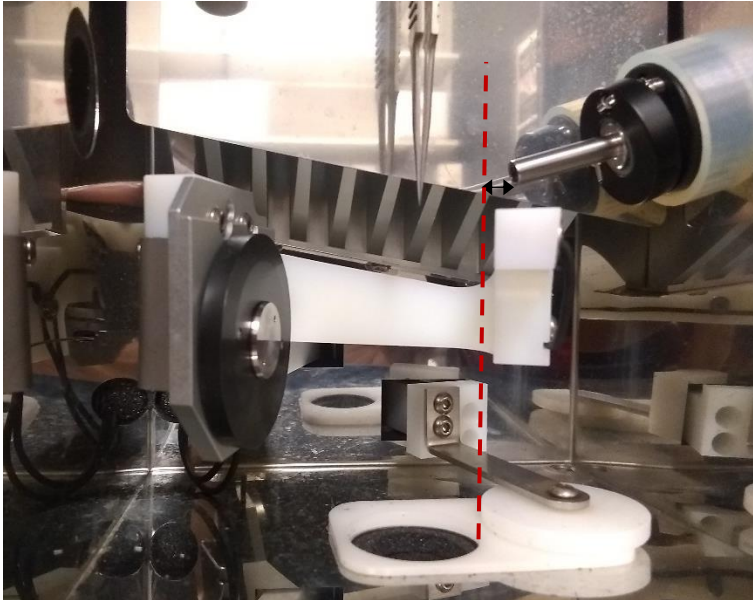

- 4**

Insert tip of the light-guide to the point marked.
 # Tighten both screws just enough to secure the light-guide's position
 # Holding the lens assembly and the light-guide (outside the chamber) push the lens assembly back slowly into the receptacle-side of the white nut

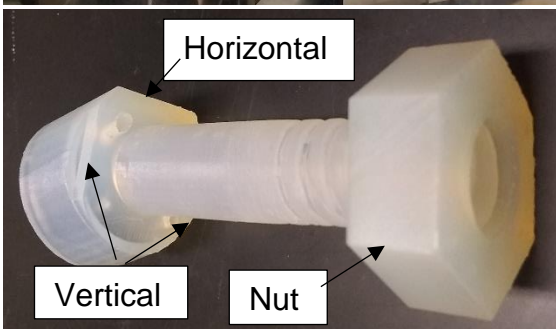
Smooth-side as the receptacle for lens assembly

Installation steps for Leica GP2

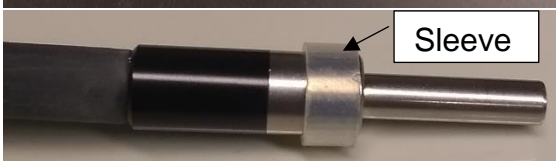


Light-guide installed on Leica GP2 through right-hand side sample loading port

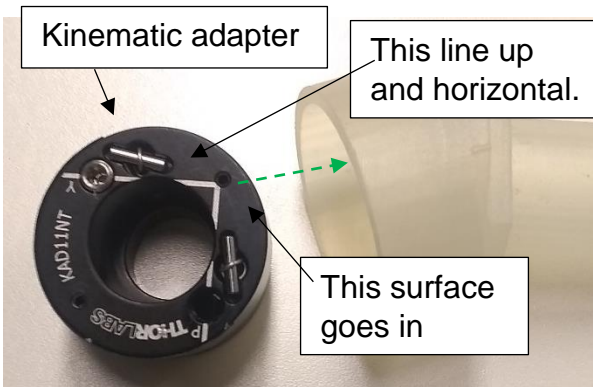
There must be a clearance of 5-10 mm between the tip of the lightguide and the path of the plunger (red line)



1. Threaded receptacle for the lightguide. Fits inside the sample loading port. Align the straight sides as indicated.
2. Tighten the nut just enough so that the nut touches Leica wall



3. Carefully bring the lightguide delivery end through the receptacle to inside the chamber of Leica and put the plastic sleeve as shown



4. Slide in the kinematic adapter.
5. Press kinematic adapter to fit inside the receptacle (white plastic), carefully. For good fit, do it holding the tip and slowly push backward. The final assembly should look as shown in the first image