

Cylindrical black tunnel
- Used to control light direction and reduce reflections when photographing very small subject

Antivibration table
- Used for minimize vibrations during image capture



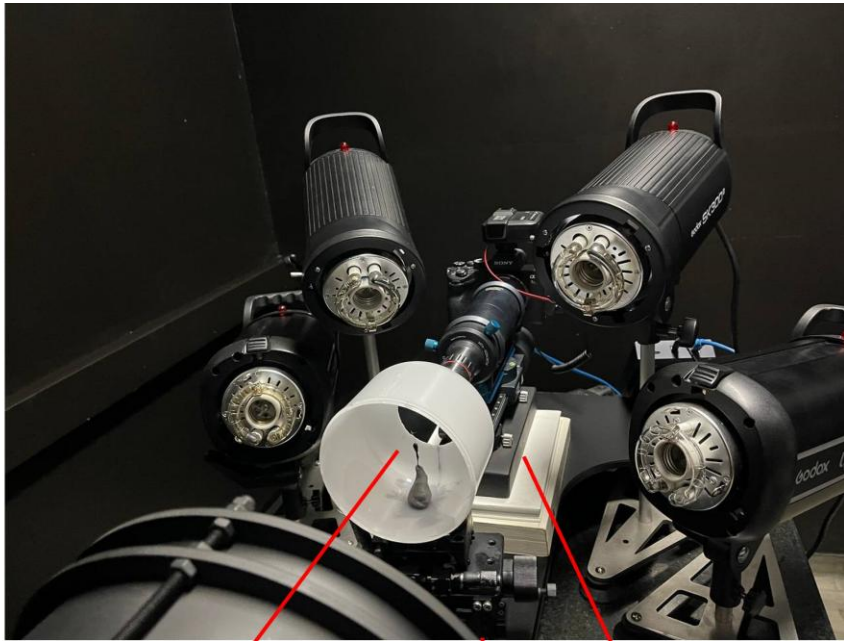
Lens tube: 2x, 5x, 7.5x, 10x, and 20x.

Light modifier
- Used as a light diffuser that is placed directly in front of the lens to soften the light and reduce harsh shadows from the flash.

Support gear
- The camera and lens are mounted on a specialized macro rail, which allow the stable camera to do a better stacking system of the subject.

Studio strobe lights (Godox SK300II) (back upright)
- A professional flash strobe used for photography
- Providing consistent and powerful lighting to the subject.

Studio strobe lights (Godox QT600III) (front, angled)
- A higher-powered flash than the SK series
- Used for high-speed photography because of its short flash duration and fast recycling time.



Subject in the light modifiers.

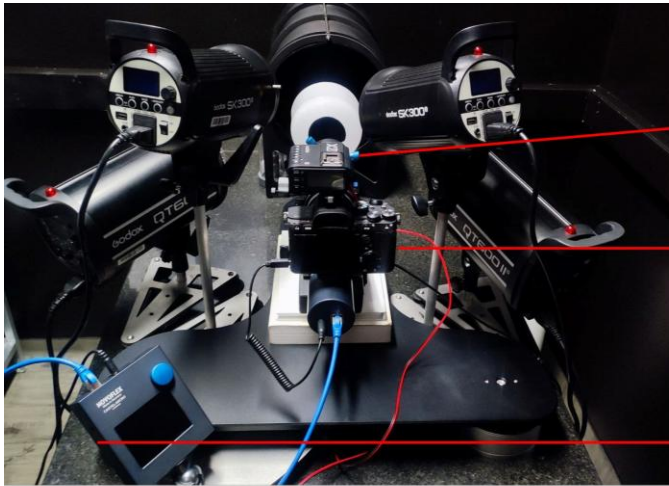
Focusing rack (macro rail)

- A rail system that automates the movement of the camera in micron-level steps

XYZ rotary

- Use for placing the subject to ensure meticulous alignment and positioning.





Trigger

- Used to send the signal to fire a flash unit at the precise moment the camera's shutter opens.

Sony Alpha 7R IV (61 MP full-frame)

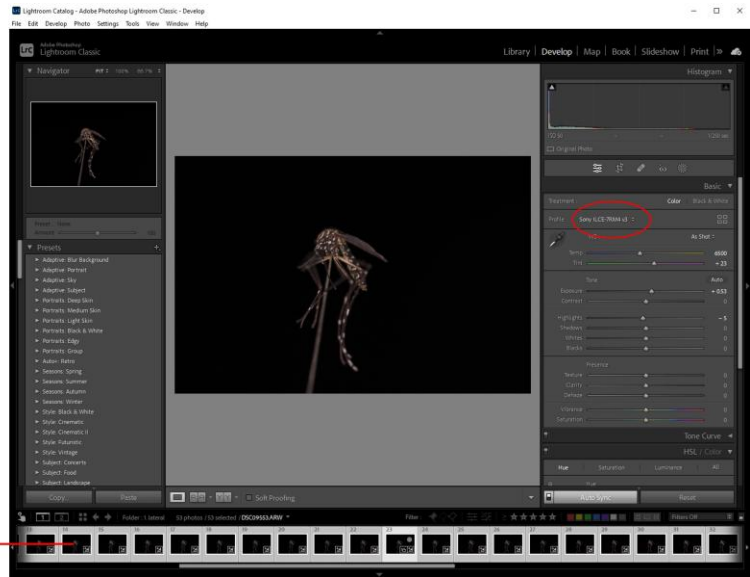
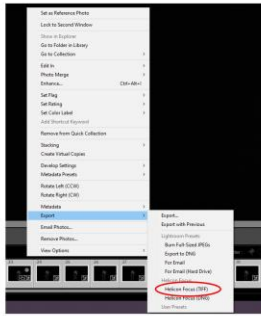
- High-resolution image capture
- Mounted on a highly specialized focusing rail

A Novoflex CASTEL-MICRO

- It allows for extremely precise, millimeter-by-millimeter adjustment to the camera's position for perfect focus in macro photography.

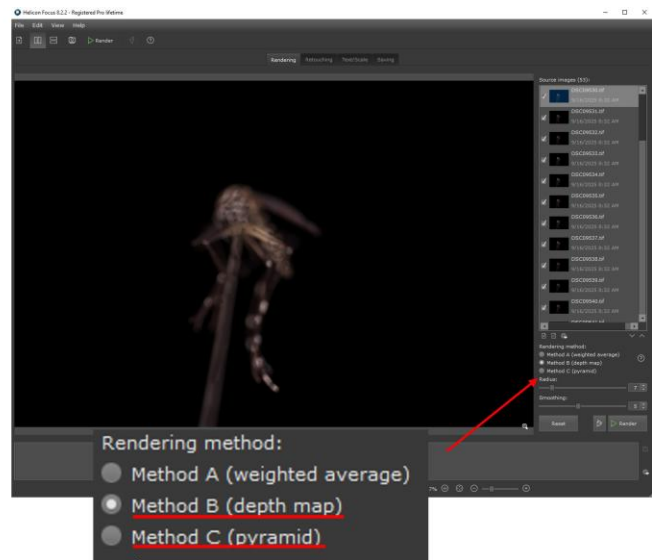
After taking images, transfer the file into Lightroom and follow the steps below:

1. Select all the images
2. Click **Profile**, choose: **Sony camera** (to make the color computer relevant to the camera)
3. Right-click on the image and export all the files to **Helicon Focus (TIFF)**



The Helicon focus will appear like this if the files are transferred completely. This helicon focus aims to combine the raw files into 1 picture.

1. **Run** method B first, then method C
2. Save the image of methods B and C
3. Upload these 2 images and **click** run in method B
4. Get the final image



The image needs to be cleaned in Adobe Photoshop for advanced editing and retouching to get a fully-sharp final image. With the help of a graphic tablet, the image can achieve a fine result. Some tools are basically use in Adobe Photoshop, such as:

1. **The Lasso Tool:** is the basic freehand selection tool that is best for quick and rough selection of irregular shapes in the image.
2. **Burn Tool:** select the darken area in an image
3. **Hand Tool:** to move the image to area that need to be clean
4. **Spot healing brush Tool:** remove mark and blemish of the image

