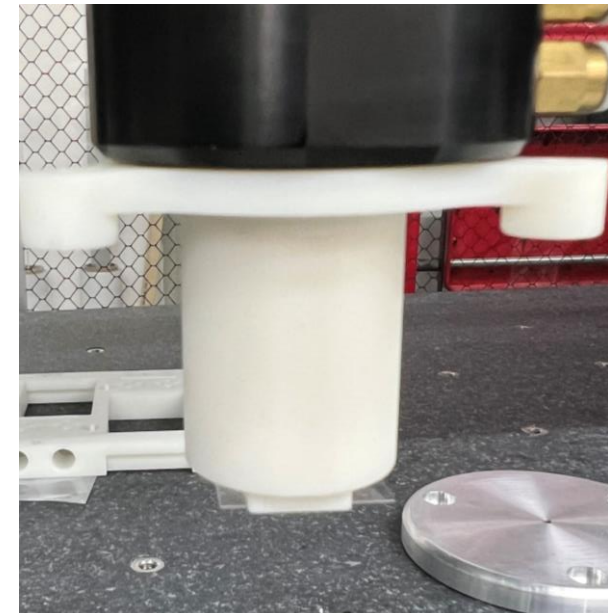
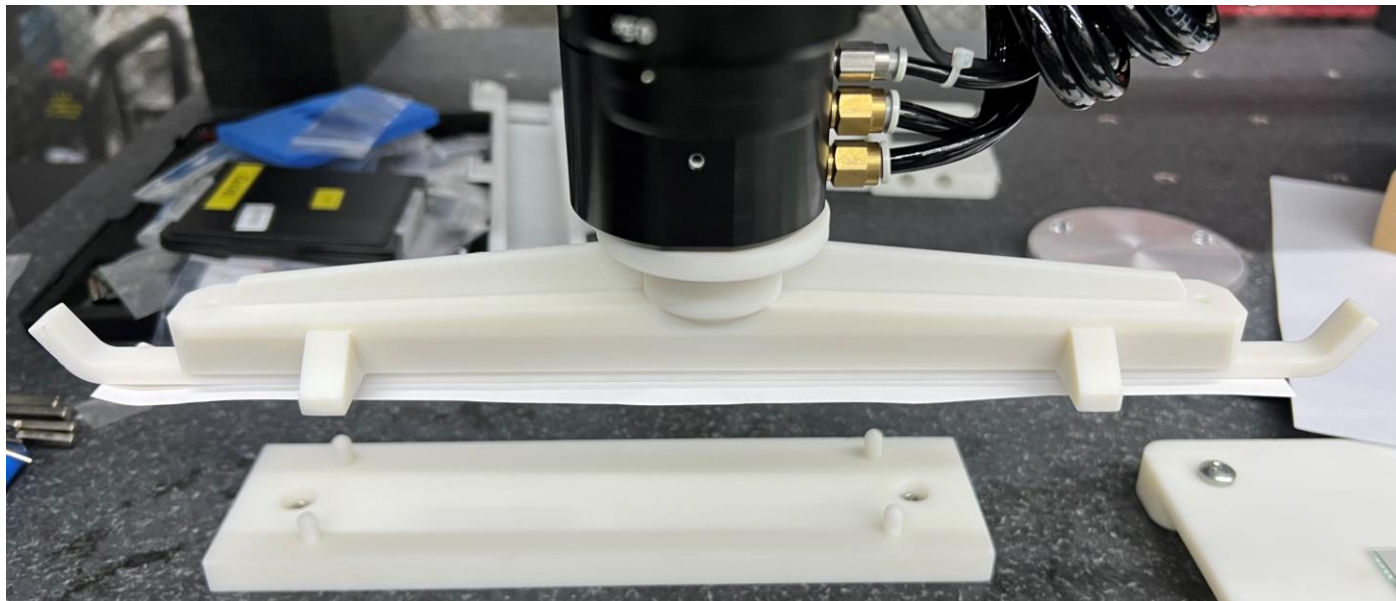


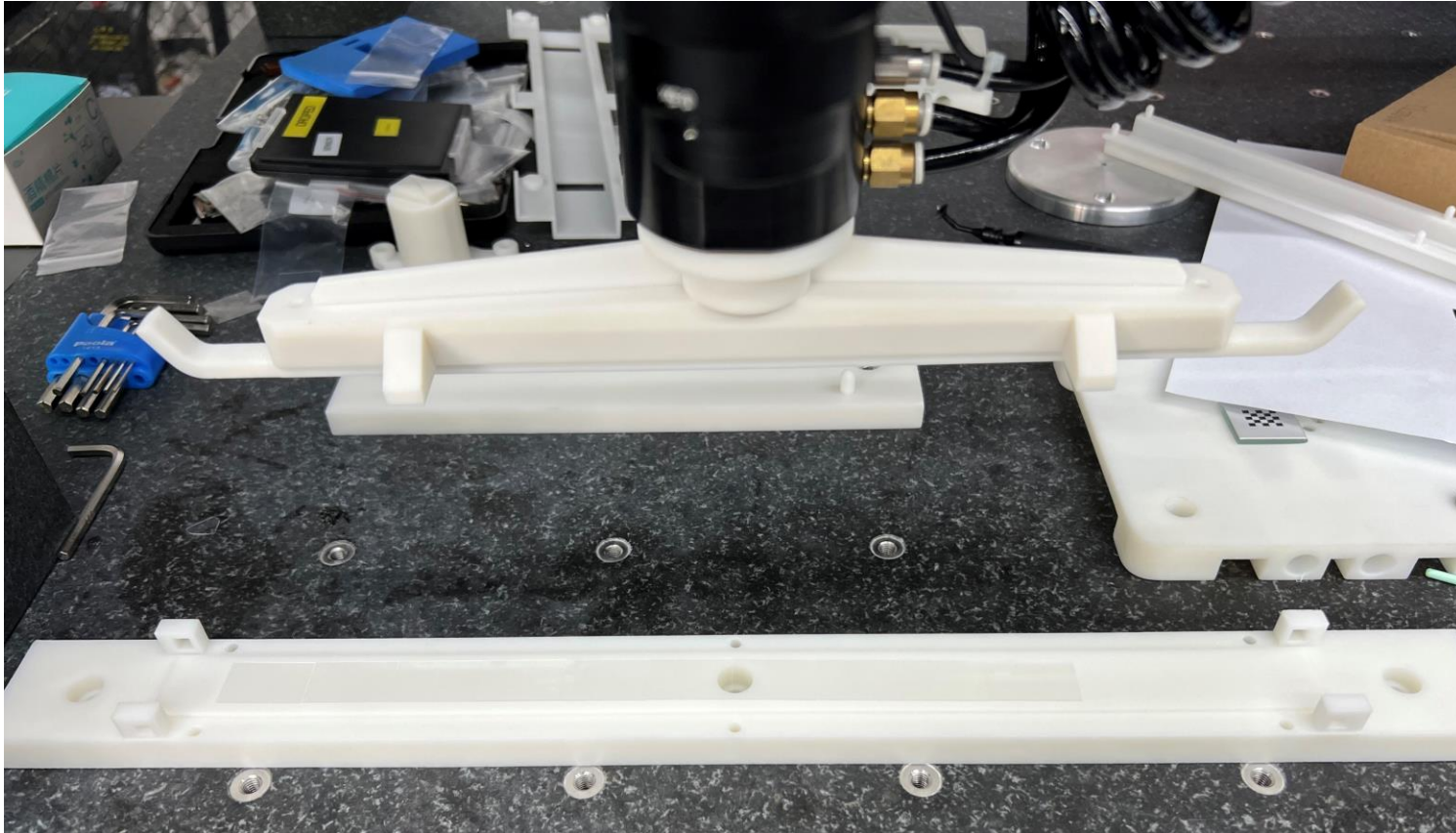
MOST2 Module assembly

Xinhui Huang

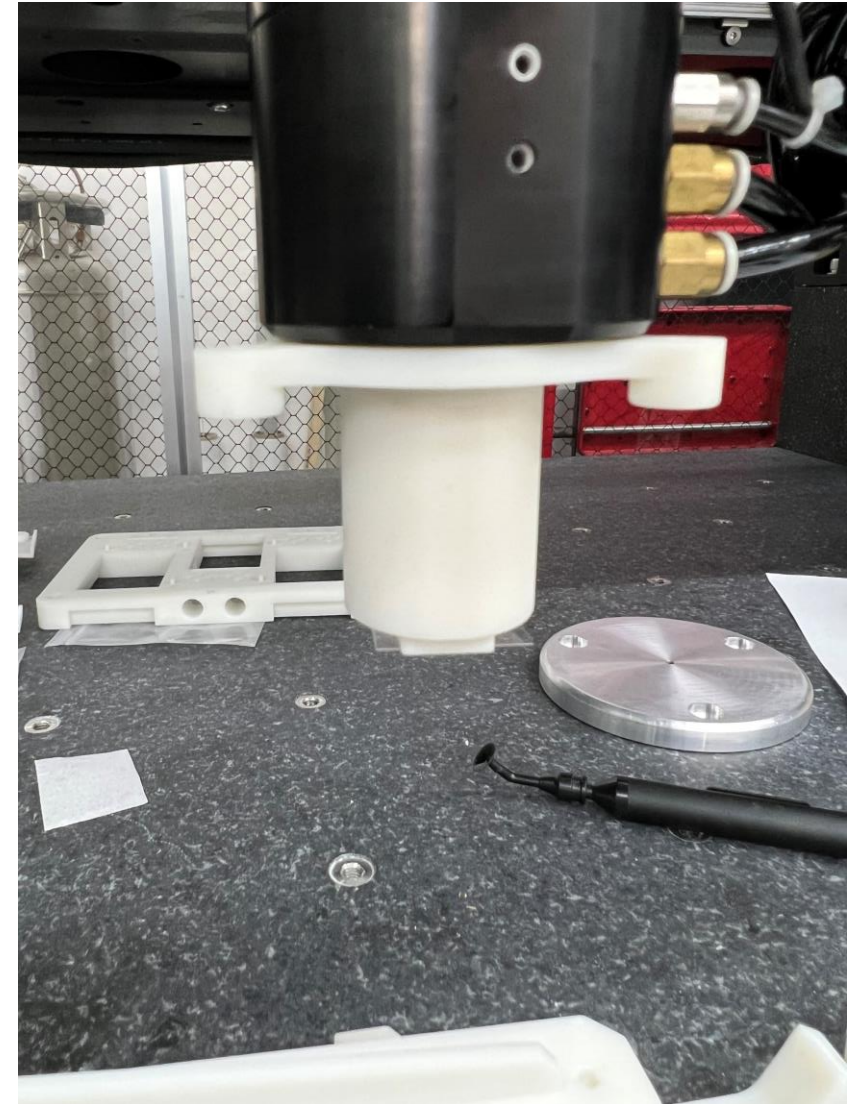
Tooling test
Received new tooling last week.



Try to pick up all the 10 sensors

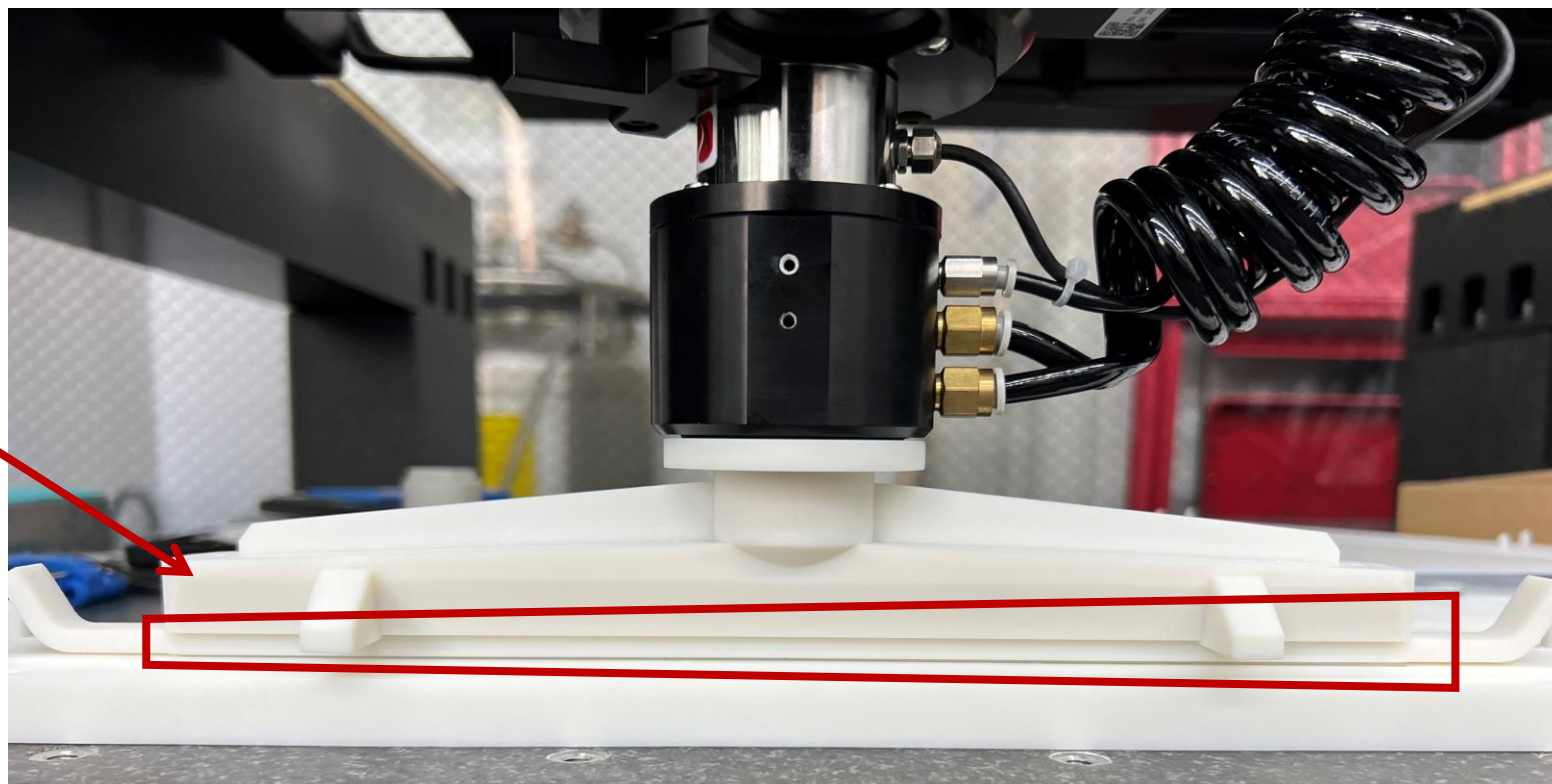


Pick up one sensor



Level issue

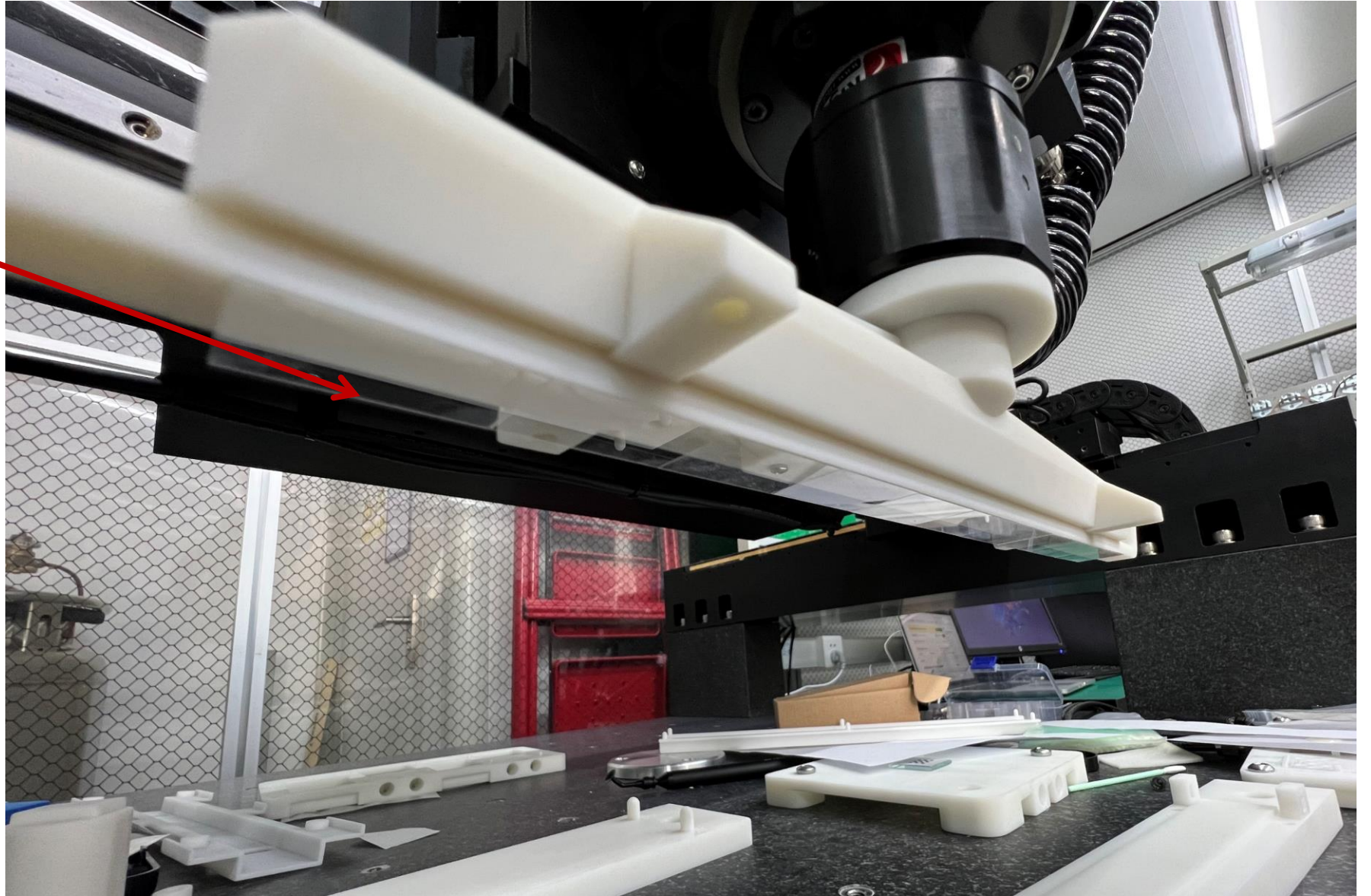
The two sides of this tool are not in the same level



Pick-up test

10 sensors

**The vacuum can not
hold the sensors tightly.**



Recognition (OpenCV 4.1.1)

Camera Calibration

We have changed the calibration board for better precision.

Undistorted error: $< 1\text{px}$ (40 pictures, can be improved by more pictures)

Recognition error: $\sim 4\text{px}$ ($\sim 30\mu\text{m}$, expected $< 20\mu\text{m}$)

Estimate error: $\sim 1\text{px}$ ($\sim 6\mu\text{m}$, algorithm changed)

*****Camera Matrix*****

```
[24097.76211159833, 0, 1146.111616375051;  
0, 23995.91895087232, 1238.513409894326;  
0, 0, 1]
```

*****DistCoeffs*****

```
[0.2116461097785885, -832.3821359460101,  
0.03405518687540886, -0.01163460995576164, -  
3.087228139880093]
```

