

6-DOF robot arm

$D_{\text{probe}} = 5.5\text{mm}$

Force sensor

Camera 2

edge 2

-10

#127

-5

Z

↑

-1

edge 1

path $\ell = 7$
cell $j = 1, \dots, 10$

Y

Pneumatic valve

Camera 1

Force AD Converter

Amplifier DSA-03A

Pressure sensor
MPXV7007

AD Converter
MCC USB-231

