

Equipment List

Equipment Name:	Function	Number
andonstar adsm302 Camera	Take two photos from different angles for CV processing	2
Chessboard	Camera Calibration	1
Motor shelf	Motor station build	1
25D Metal Gearmotors	Actuate the Continuum Wire Manipulator	1
Roboclaw 2*15A	Motor PID controller	1
256G USB flash drive	Store the collected data	1
GPU Google Colab	Training data with deep learning and transfer learning	1
Green Curtain	Remove the background influence	1
Red paint	Change the Continuum Wire Manipulator color to make it recognizable	1
Continuum Wire Manipulator with different length and diameter	The robot linked to the motor	1
Soft robot heating machine	Shaping the Continuum Wire Manipulator	1
Plastic sheaths Machine	Plastic fixed front of Continuum Wire Manipulator	1