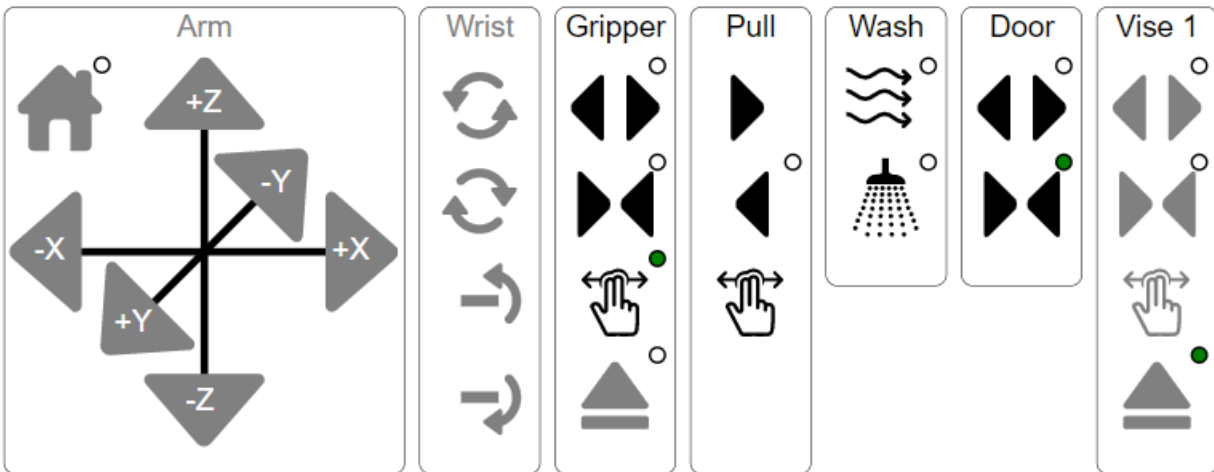


## Text Basic VBXC Functionality



## Recovery Panel Validation

### Non-Robot Button Validation

- Validate Non-robotic movements on recovery panel visual and audio indications should show success of each button press. You should be able to hear air fire for many of the buttons, see the position of the item change, and see the sensor change on the recovery panel.
  - Gripper open
  - Gripper close
  - Gripper float
  - Pull stud in
  - Pull stud out
  - Pull stud float
  - Dry on/off
  - Wash on/off
  - (CNC) Door open
  - (CNC) Door close

## Robot Button Validation

Enable Robot with green button in upper right corner while in recovery.

- Arm
  - +/- X
  - +/- Y
  - +/- Z
  - Home
- Wrist
  - Wrist turn left
  - Wrist turn right
  - Wrist tilt up
  - Wrist tilt down

## Vise Button Validation

- Vise 1-3
  - Open / Close
  - validate sensors match and watch the vises open and close as expected

Eject buttons for Gripper and Vise should be ignored at this times.

## Exit Recovery

Exiting recovery requires all communication to work and the CNC to be setup correctly. If recovery can't be exited, troubleshoot communication issue