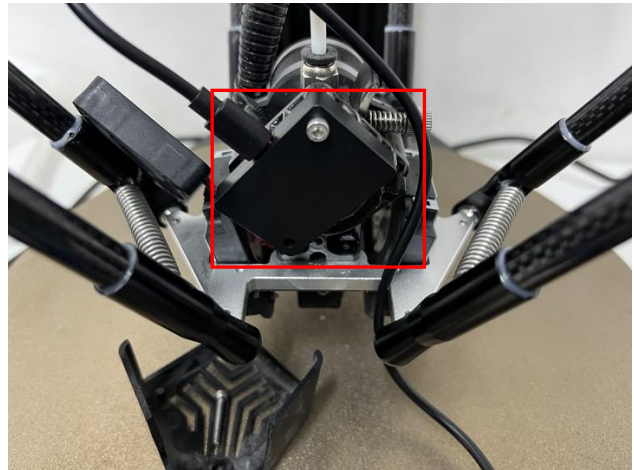# V400 Adxl345 usage tutorial

1. The adxl345 is fixed on the effector module .And the adxl345 is inserted into the port 3 from bottom to top on the right side, which is the "port3" port.

2. Open the printer.cfg file on the web page, search for "#[include adxl345.cfg]" and change it to "[include adxl345.cfg]", click save and restart.

3. Click "MACHINE>ADXL345.cfg", replace the framed content in the figure below with
serial:/dev/serial/by-path/platform-5200000.ehci1-controller-usb-0:1.2:1.0, click save and restart .

```
 1   [mcu adxl345Mcu]
 2   serial:/dev/serial/by-id/usb-Klipper_stm32f103xe_37FFD7054B48373275532143-if00
 3   restart_method: command
 4
 5   [adxl345]
 6   cs_pin: adxl345Mcu :PA4
 7   spi_bus:spi1
 8   [resonance_tester]
 9   accel_chip: adxl345
10   probe_points: 0, 0, 20
```
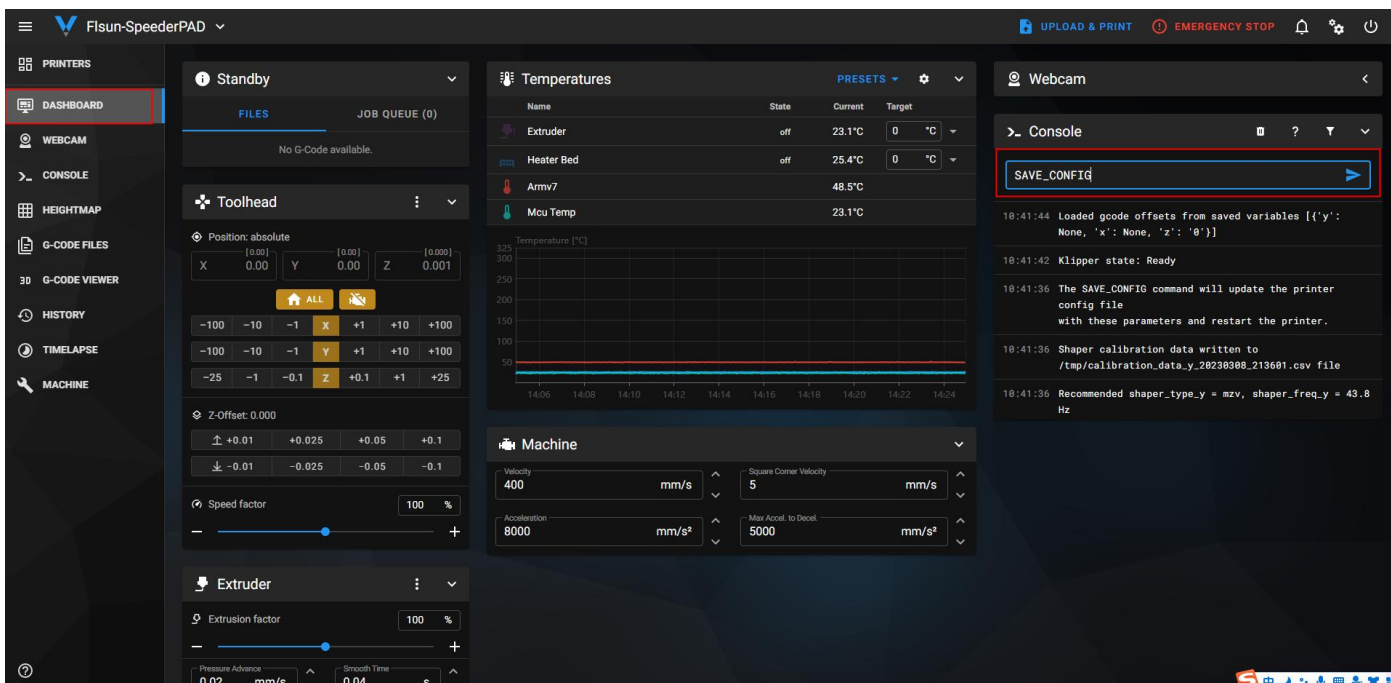
4. Click "Configuration>Input shper>Finding ADXL>Measure Both" and wait for the measurement. After the measurement, it will restart and return to the main interface.
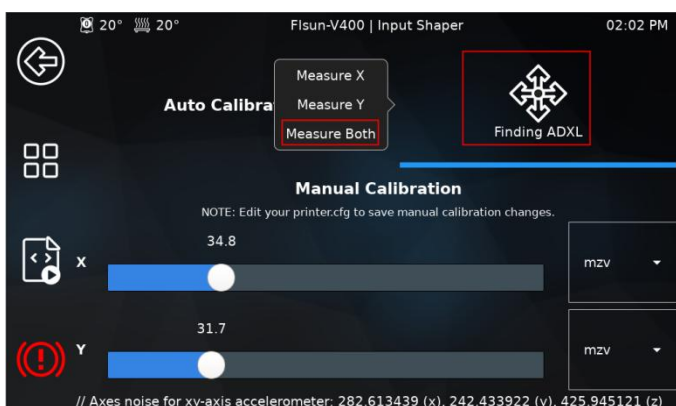
5. After the measurement is completed, click "BASHBOARD" on the web page, enter "SAVE_CONFIG" in the Console dialog box on the right, and click Send to complete the operation.

6. After unplugging the adxl345 sensor, the printer cannot be connected. Open the printer.cfg file on the web page and search for "[include adxl345.cfg]" and change it to "#[include adxl345.cfg]", click Save and restart.

```
95
96  [gcode_arcs]
97
98  [display_status]
99
00  [verify_heater extruder]
01  max_error: 500
02  hysteresis: 20
03
04
05  #[include adxl345.cfg] # load ADXL345 module ,Uncomment it before using ADXL345
06
07  # EXP1 / EXP2 (display) pins
08  #[board_pins]
09  #aliases:
10      # EXP1 header
11  #    EXP1_1=PC1, EXP1_3=PA4, EXP1_5=PA6, EXP1_7=PC4, EXP1_9=<GND>,
12  #    EXP1_2=PC3, EXP1_4=PA5, EXP1_6=PA7, EXP1_8=PC5, EXP1_10=<5V>,
13      # EXP2 header
14  #    EXP2_1=PB14, EXP2_3=PB11, EXP2_5=PB0,  EXP2_7=PC10,  EXP2_9=<GND>,
15  #    EXP2_2=PB13, EXP2_4=PA15, EXP2_6=PB15, EXP2_8=<RST>, EXP2_10=<NC>
16
```

7. If the adxl345 sensor needs to be inserted into the second port from bottom to top on the right side, which is the "port2" port, you need to open the adxl345.cfg file on the web page to find "usb-0:1.2:1.0" and change it to "usb-0:1.3:1.0" ", click Save and Restart.