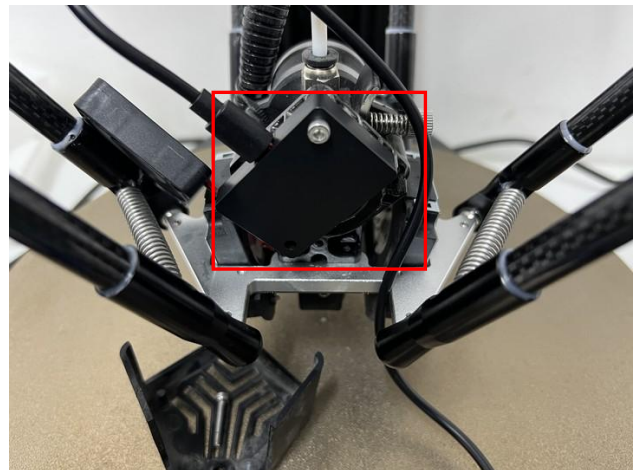


## V400 Adxl345 usage tutorial

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.

```
389 #####
390 [virtual_sdcard]
391 path: ~/gcode_files
392
393 [save_variables]
394 filename: ~/savedVariables1.cfg
395
396 [gcode_arcs]
397
398 [display_status]
399
400 [verify_heater extruder]
401 max_error: 500
402 hysteresis: 20
403
404 [include adxl345.cfg] # load ADXL345 module ,Uncomment it before using ADXL345
405
406
407 # EXP1 / EXP2 (display) pins
408 #[board_pins]
409 #aliases:
410 # EXP1 header
```

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 .

```
Root
config

Current path: /config Free disk: 8.3 GB

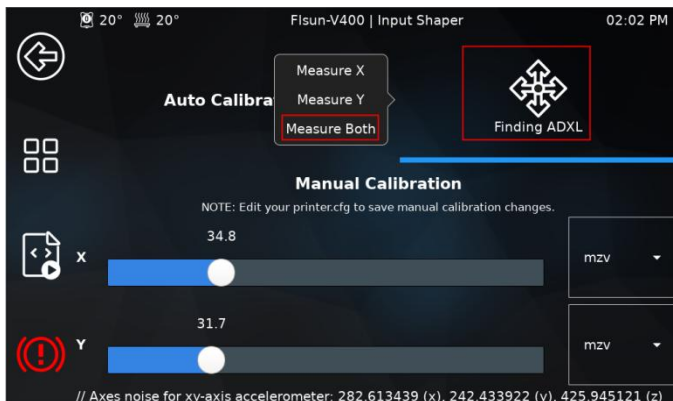
Name ↑ Filesize Last modified
ADXL345.cfg 0.2 kB 2022/8/4 09:32:57
KlipperScreen.conf 1.1 kB 2022/8/8 11:07:48
moonraker.conf 0.8 kB 2022/8/3 16:47:29
printer.cfg 13.6 kB 2023/3/14 18:30:13
timelapse.cfg 21.4 kB 2022/4/15 11:00:05
webcam.txt 2.5 kB 2022/7/20 15:18:34
```

```

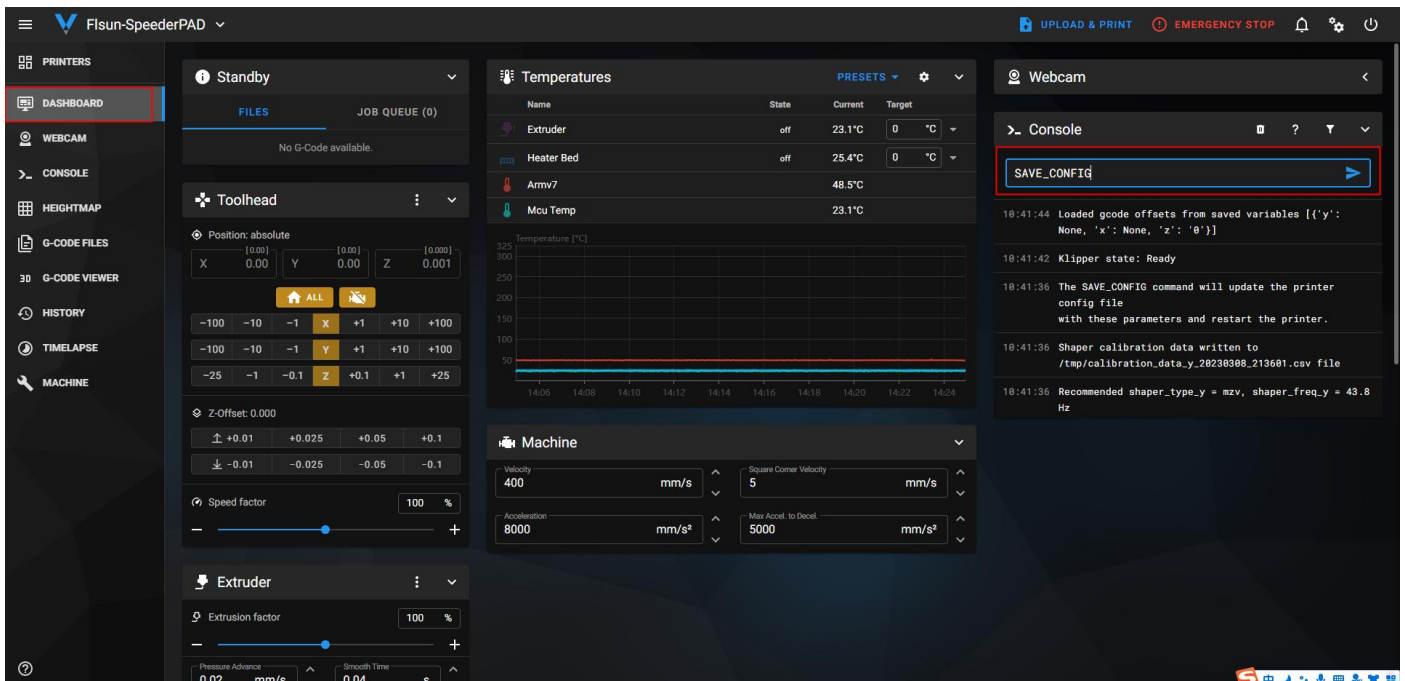
1 [mcu adxl345Mcu]
2 serial:/dev/serial/by-id/usb-Klipper_stm32f103xe_37FFD7054B48373275532143-if00
3 restart_method: command
4
5 [adx1345]
6 cs_pin: adxl345Mcu :PA4
7 spi_bus:spi1
8 [resonance_tester]
9 accel_chip: adxl345
10 probe_points: 0, 0, 20

```

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.

DASHBOARD

WEBCAM

CONSOLE

HEIGHTMAP

G-CODE FILES

G-CODE VIEWER

HISTORY

TIMELAPSE

MACHINE

Root

config

Current path: /config

<input type="checkbox"/>	Name	Filesize
<input type="checkbox"/>	timelapse.cfg	21.4 kB
<input type="checkbox"/>	moonraker.conf	0.7 kB
<input checked="" type="checkbox"/>	adxl345.cfg	0.2 kB
<input type="checkbox"/>	printername.cfg	0.1 kB
<input type="checkbox"/>	printer.cfg	13.6 kB

adxl345.cfg

```

1 [mcu adxl345Mcu]
2 serial:/dev/serial/by-path/platform-5200000.ehci1-controller-usb-0:1.2:1.0
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
11

```