CreatBot

CreatBot D600 Pro2 HS
User manual
English V1.0

Henan Creatbot Technology Limited

CONTENTS

Icon conventions

Tip icon to remind users to have a good method or technique.

Note icon, to remind the user must be given adequate attention.

Prohibition icons, prevents users from unauthorized operation.

3/3/ 2025

Notice

Read First

Thank you for choosing CreatBot 3D printer!

This manual contains important information about the installation, use, maintenance and common problems of CreatBot 3D printer. Please read this manual carefully before using 3D printer. All losses caused by the breach of the notes and the operation process of the operation process will be borne by the user. Please use the filament provided by CreatBot, or high quality filament by third manufacturers. Due to the use of third party inferior material caused by the failure of the printer, the loss will be borne by the user.

Software running environment, 2G or above processors, at least 1G memory, compatible with Windows, MAC, or Linux, please use memory as much as possible.

I wish you have fun with CreatBot 3D printer!

Danger Warning

The nozzle's temperature will reach 420 degrees, don't touch.

The platform's temperature will reach 100 degrees, don't touch.

Please make sure that the printer connected to the ground.

Do not attempt to open the case, be careful of electric shock.

Working Environment

The 3D printer can work in the indoor environment of 5 ℃ to 30 ℃.

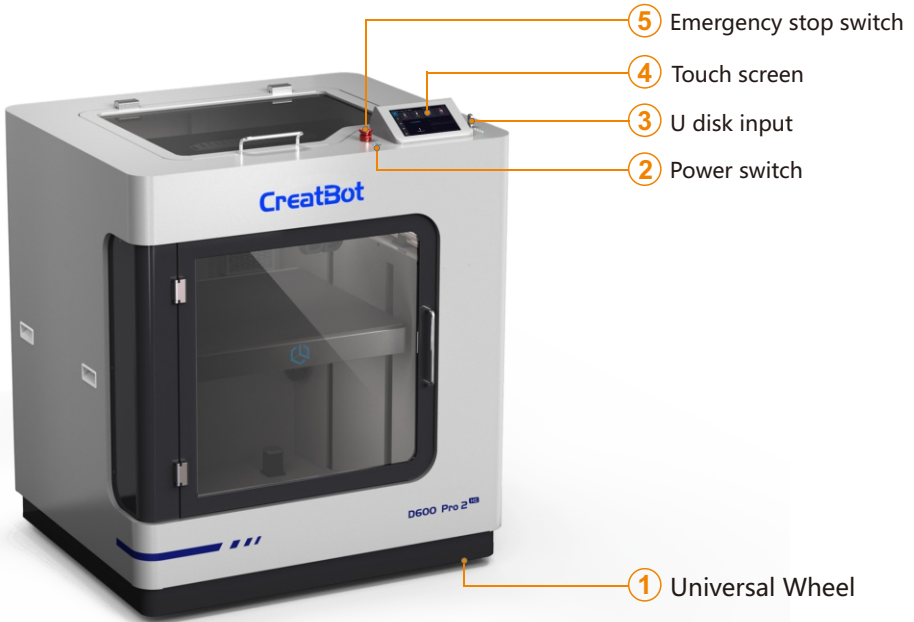Long-term not use of the printer, be sure to keep off dust, moisture.

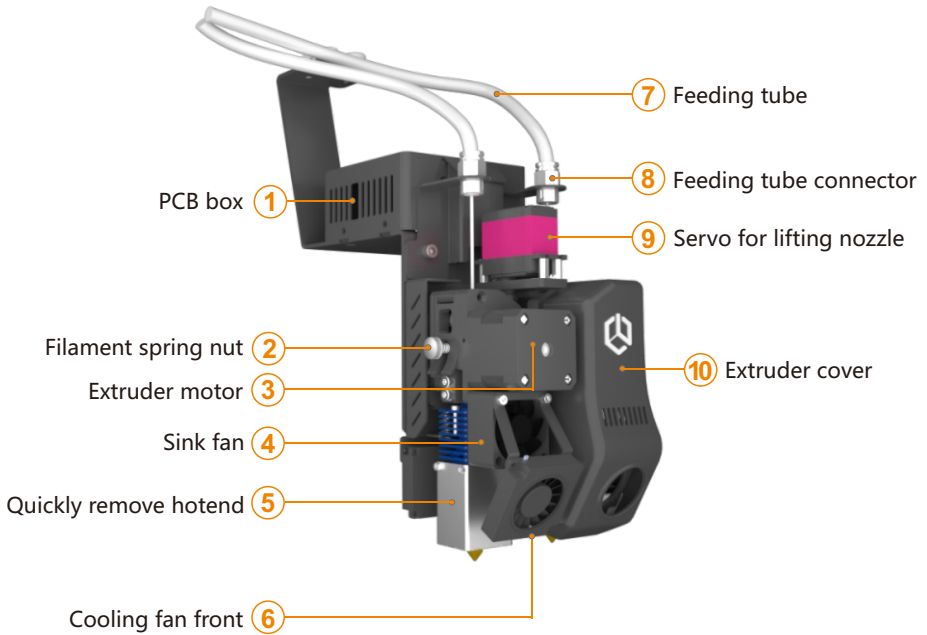Long-term not use of the filament, please be sealed to prevent deterioration.
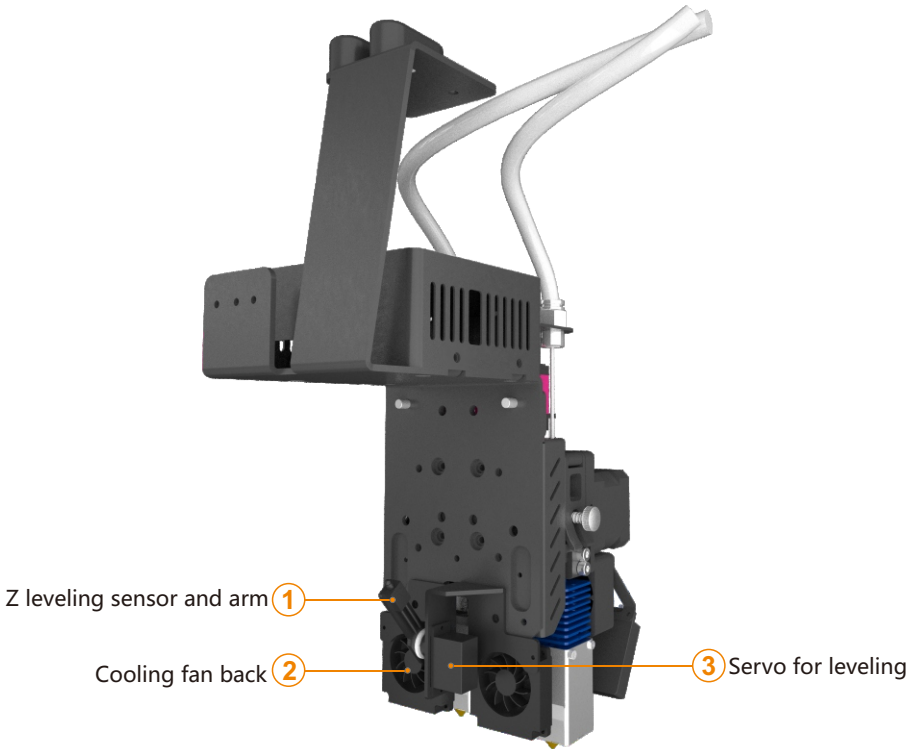
Machine Diagram

Front

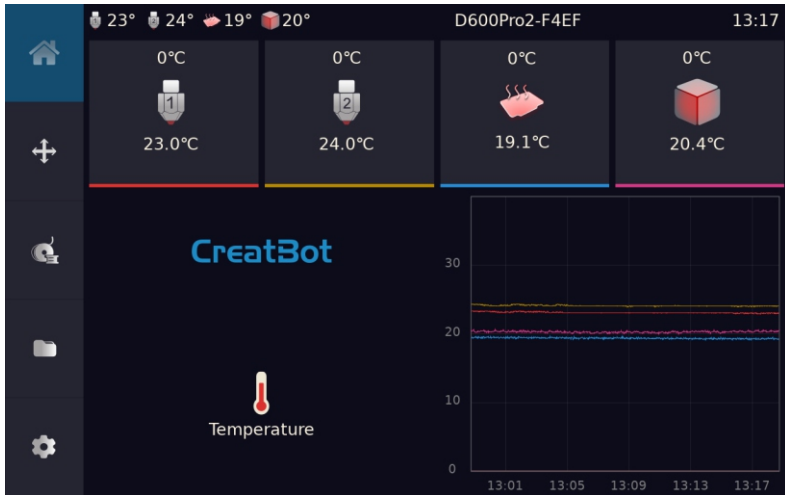|	
⑤	Emergency stop switch
④	Touch screen
③	U disk input
②	Power switch
①	Universal Wheel

Machine Diagram

Print Head

PCB box — ①

Filament spring nut — ②

Extruder motor — ③

Sink fan — ④

Quickly remove hotend — ⑤

Cooling fan front — ⑥

⑦ — Feeding tube

⑧ — Feeding tube connector

⑨ — Servo for lifting nozzle

⑩ — Extruder cover

Machine Diagram

Print Head

Z leveling sensor and arm ①

Cooling fan back ②

③ Servo for leveling

Screen operation

Temperature

|	
0°C 1 23.0°C	Touch and set up the temp of left nozzle. 0°C Preset nozzle temperature 23.0°C Current nozzle temperature
0°C 2 24°C	Touch and set up the temp of right nozzle. 0°C Preset nozzle temperature 24°C Current nozzle temperature
0°C 19.1°C	Touch and set up the temp of bed. 0°C Preset bed temperature 19.1°C Current bed temperature
0°C 20.4°C	Touch and set up the temp of chamber. 0°C Preset chamber temperature 20.4°C Current chamber temperature
Temperature	Click it and select the filament to preheat.
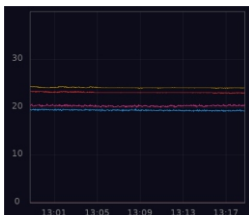
Actual temperature curve

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Screen operation

Calibrate PID
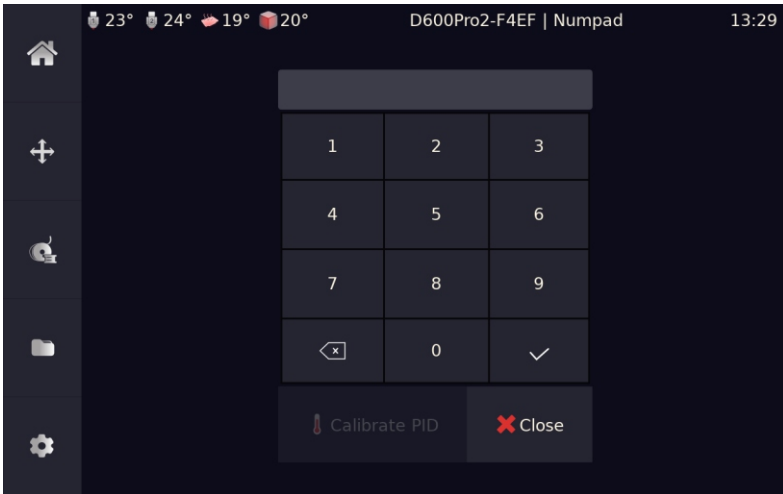
When the heater cannot maintain a stable target temperature, you can set the target temperature and click this button to perform PID calibration.

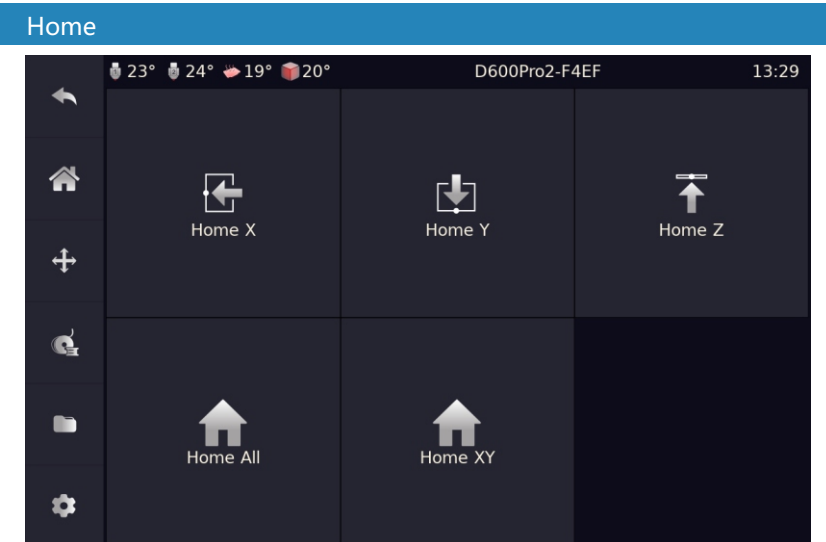### Move
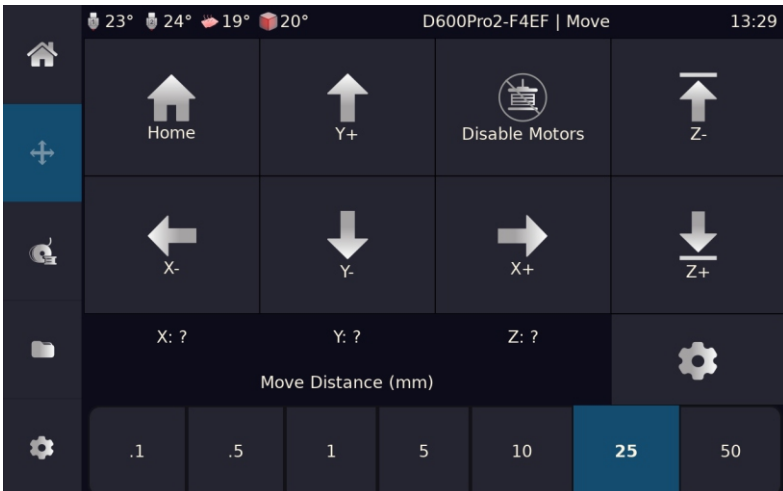
Disable Motors Unlock the motors. After unlocking, you can move the X and Y axes by hand.

X: ?	Y: ?	Z: ?

The current position of the X/Y/Z axis. "?" means that the current position cannot be obtained and the X/Y/Z axis cannot be moved. You need to run Home first.

Home

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Screen operation

Filament

	23°	24°	19°	20°	D600Pro2-F4EF | Extrude	13:30

Home / Move / Filament / Folder / Settings

	1 — 23	2 — 24	Pressure Advance	Temperature
	Extrude	Load	Unload	Retract

Distance (mm) — 5 | **10** | 15 | 25

Speed (mm/s) — 1 | **2** | 5 | 25

Inserted | Inserted

1 2 (nozzle icons)	Click to activate the extruder. Blue means it is activated.
🌡 (thermometer icon)	Select the filament to quickly set the extrusion temperature
⬇ ⬆ (arrows)	Automatic loading/unloading filament

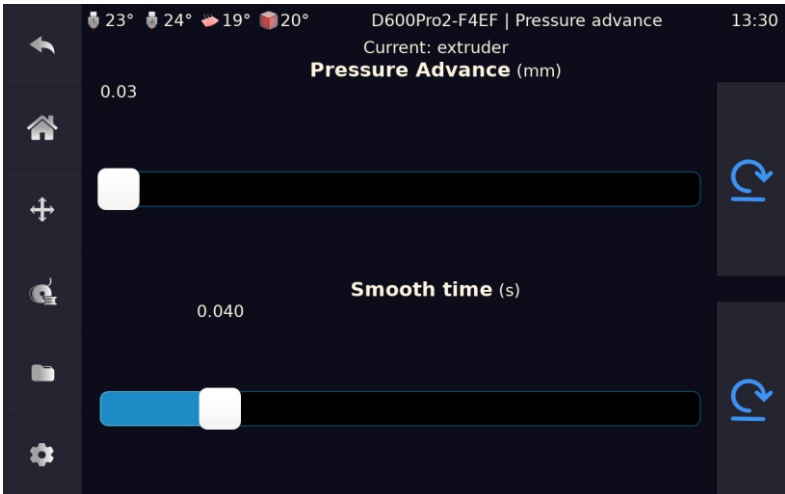Extrude and retract filament according to set length/speed

5mm	10mm	15mm	25mm		1mm/s	2mm/s	5mm/s	25mm/s

Set the length and speed of extruding/retracting filament

Inserted	I		Inserted	I

Detect the current filament status. Click the button to turn off the filament detection function.
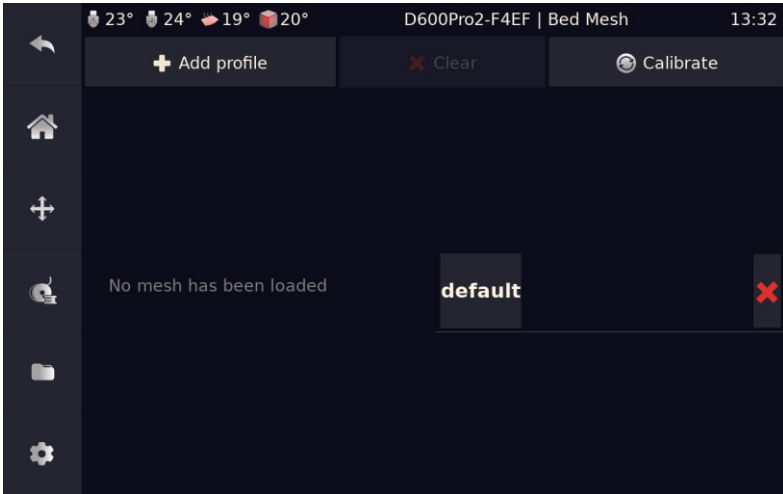
Pressure Advance

Pressure advance: ensure that the line extruded at different speeds is uniform. It is related to the filament, nozzle size, hot end temperature, and extruder.

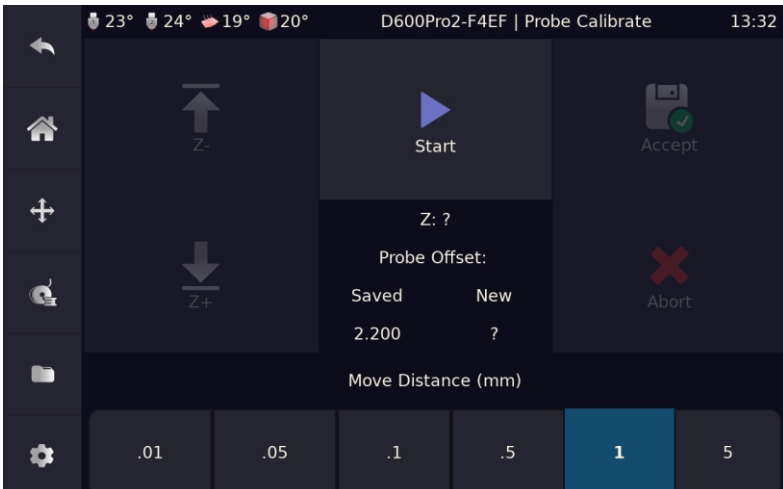## Settings

Screen operation

Bed Mesh

Click Calibrate to run automatic leveling.
Click the configuration name to view the current detection data.

Probe Calibrate

Used to calibrate the height difference between nozzle 1 and the Z sensor. See Leveling Video to set this value.
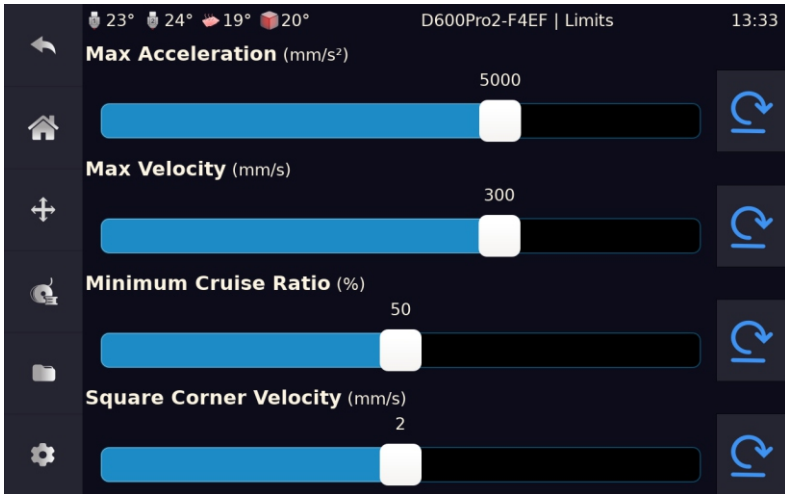
If the model does not stick well to the platform during printing, the nozzle is too close or too far from the platform and this value needs to be recalibrated.
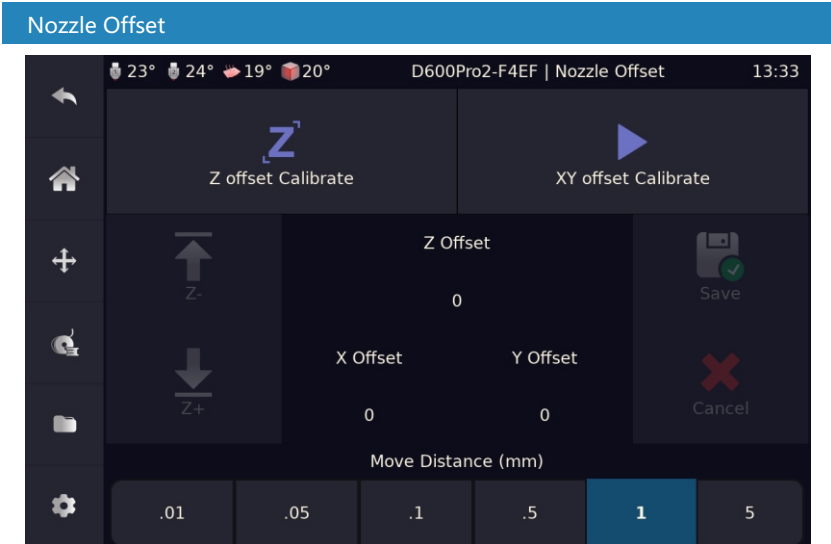
Nozzle Offset

The offset value of nozzle 2 relative to nozzle 1.
Calibrate the Z offset value first. Then calibrate the XY offset value.
After replacing the nozzle or hot end, you need to recalibrate this value.

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Screen operation

Limits

	**D600Pro2-F4EF	Limits** 13:33
	23° 24° 19° 20°

Max Acceleration (mm/s²)

5000

Max Velocity (mm/s)

300

Minimum Cruise Ratio (%)

50

Square Corner Velocity (mm/s)

2

Macros

	**D600Pro2-F4EF	Macros** 13:35
	23° 24° 19° 20°

Name ⬆	⚙ Settings

Adaptive_Mesh   ▶

ENABLE_MOTOR   ▶
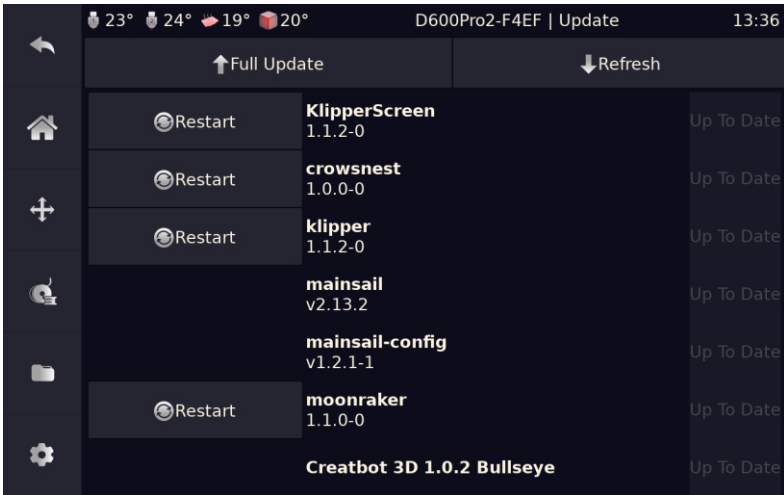
END_PRINT   ▶

M141   S   ▶

M191   S   ▶

ENABLE_MOTOR   When the machine X/Y/Z cannot move (because there is no coordinate value),and Home cannot be run,this setting can be used. It will set false coordinatevalues to facilitate moving the X/Y/Z axis.

Update

Includes updates for the screen, firmware, and plug-ins. You need to connect the printer to the network first, click Refresh to see if there is anything that can be updated, then click Update to complete the update. When you receive new printer, you can connect to the network to see if there is anything that can be updated.
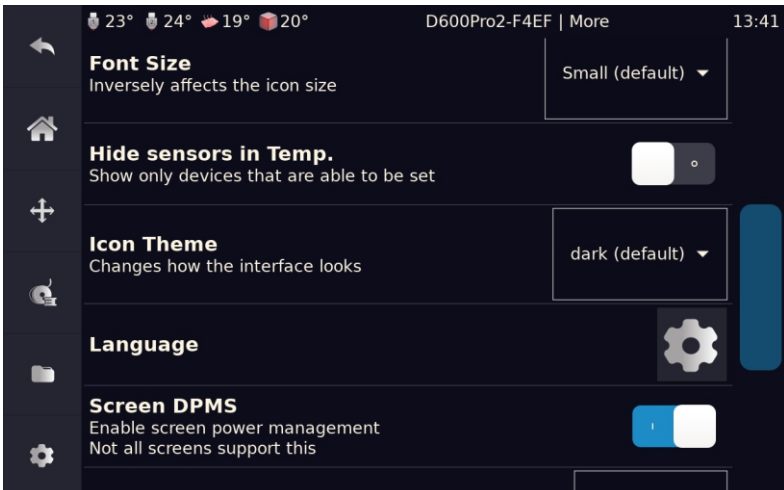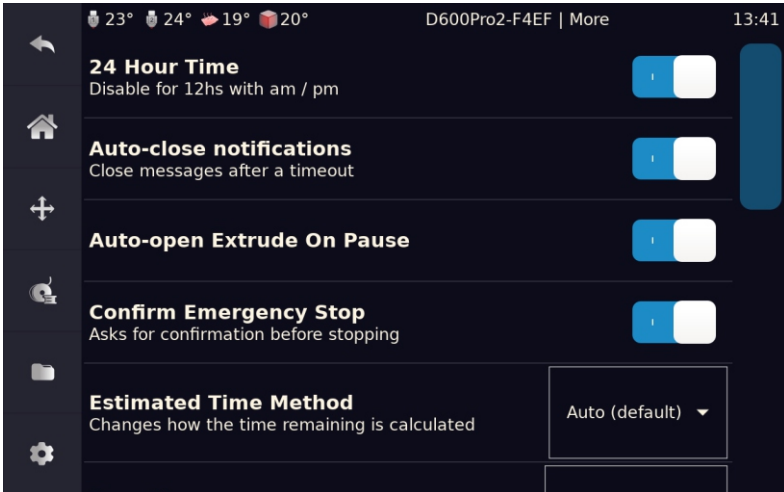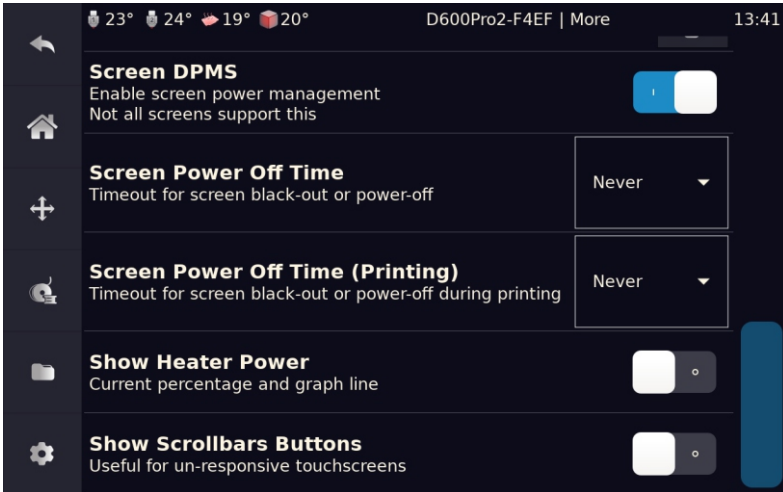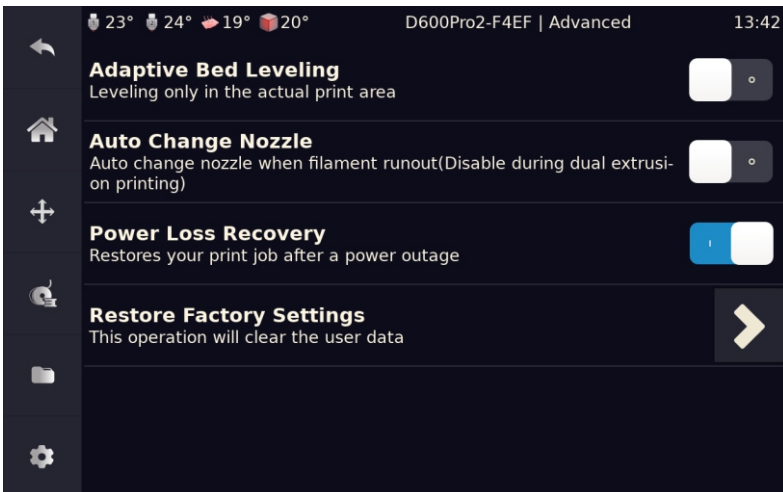
Input Shaper
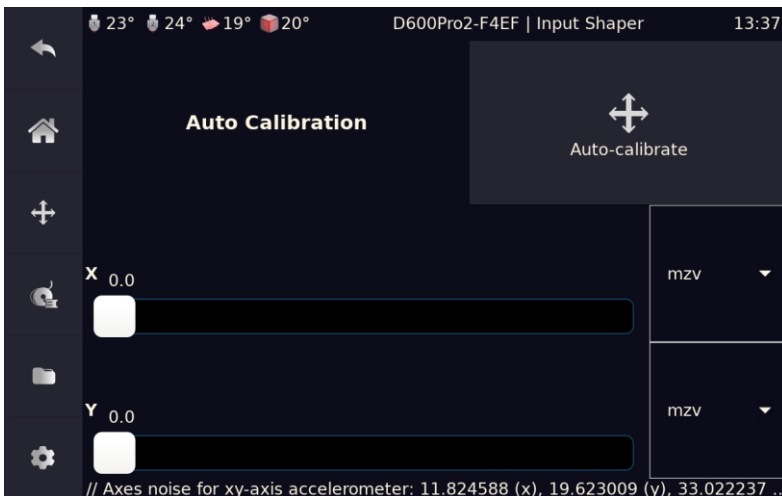
Screen operation

The machine has been calibrated before leaving the factory. Click Auto Calibrate to recalibrate the resonance compensation values of the X and Y axes.
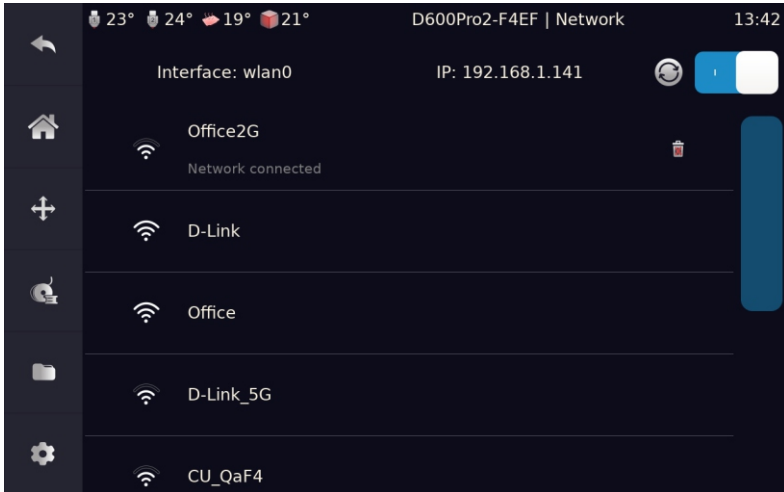
More

Advanced

Screen operation

Network

    Printing can be controlled on the web page. Enter the printer IP in the browser to access the web page.

System

Quality · Experience · Service

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