

Z- axis Calibration

Z-axis calibration is essential for every 3D printer. Run this test to make sure that the building plate is leveled to the LCD screen. This is to ensure that models and prints will adhere to the building plate.

SONIC MINI/ SONIC/ SHUFFLE SERIES

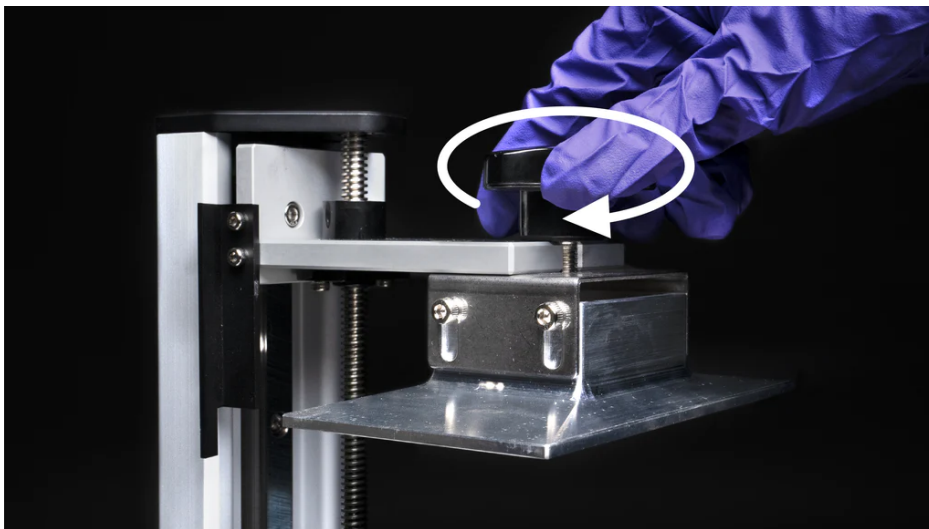
Step 1: Remove the Resin Vat

Make sure to remove any objects present on the machine's platform.

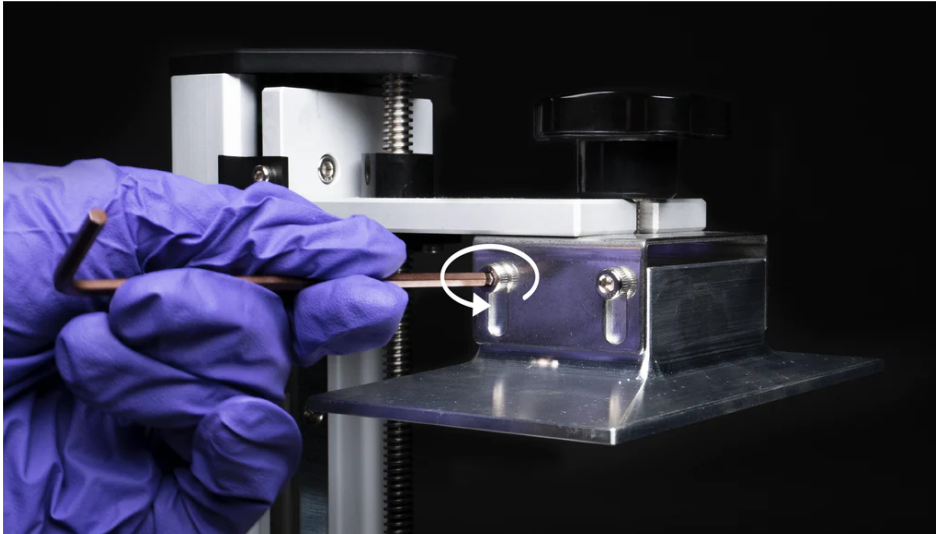
Step 2: Prepare a piece of A4 paper and lay it flat on the LCD. This piece of paper will be used for leveling the building plate.

Step 3: Install the Building Plate

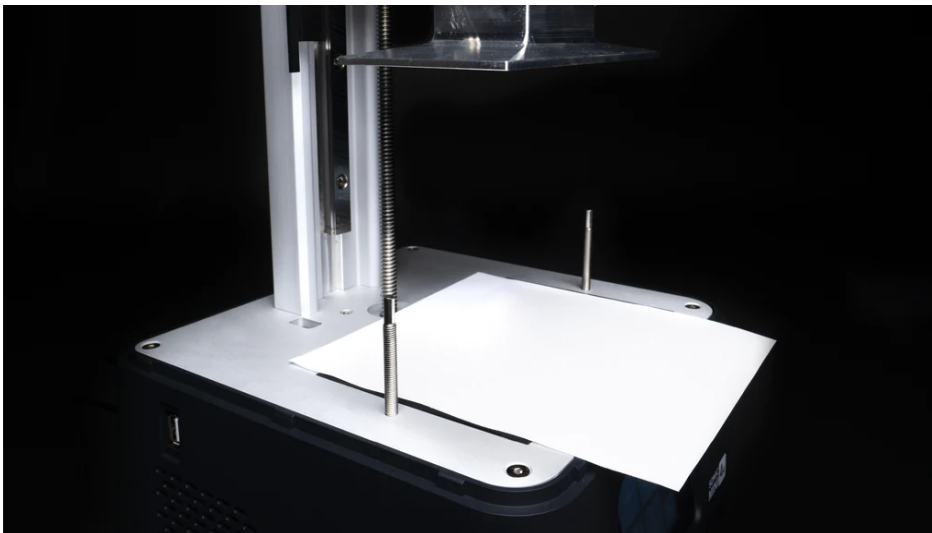
Attach the building plate knob to the printer and align it with the pins. Screw and tighten the building plate.



Step 4: Use a wrench to loosen all 4 screws present on the sides of the building plate. After loosening it, make sure to double-check to see if the plate is loose and movable.



Step 5: Place a piece of paper on the LCD
Prepare a piece of A4 paper (roughly 0.07-0.10 mm) and lay it flat on the LCD screen. This piece of paper will be used for leveling the building plate.



Step 6: Settings

On the touch panel, click TOOLS, then click Z CALIB on your touch panel to begin the calibration process. Click NEXT and wait for 1-2 minutes as the building plate extends to the LCD screen.



Step 7: Apply Pressure on the Building Plate

Once the plate has touched down, press down tightly on the sides of the building plate and adjust it to make sure it is lying tight against the sheet of paper.

Step 8: Tighten all 4 screws on the sides of the building plate, with the other hand still pressing the building plate down.

Step 9: Click DONE on the touch screen and wait for the building plate to retract.

Step 10: Once the plate has retracted, remove the A4 paper, and you're ready to begin your 3D printing journey!