

S200 C8

The **M303** command is what starts the PID tuning. **E0** is for the 1st extruder. **S200** sets it to a test temperature of 200c. The **C8** is how many cycles it will perform, this one is set to 8 cycles.



Once this command is sent to the printer, your hotend will start to heat up to the set temperature. It will overshoot the set temperature and then cool down bellow the set temperature for as many cycles as you set.



Once the PID auto-tune has completed, it will display the correct PID settings for your hotend.



Once you have the new PID settings you can enter them into your printer through the LCD Menu. To do this goto: *Menu<Control<Temperature* and scroll down to the PID section. You can adjust each individually by clicking on them and

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adjusting by turning the knob. Once you have the correct PID settings, you will need to go up one menu and click "*Store Settings*".

You can also quickly do this through the machine controller software by typing in a **M301** command with the appropriate settings. An example based off of this test You must log in or register to reply here. would be: **M301 P24.31 I2.15 D68.71.** Once you correctly set your PID, you will need to send a **M500** command to save the settings.

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