



Temp Tower | Temperature Test | Stringing and Bridging Probe



Extrutim

[VIEW IN BROWSER](#)

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Summary

Since I could not find the ideal temp tower that meets my expectations, I designed my own.

[3D Printers](#) > [Test Models](#)

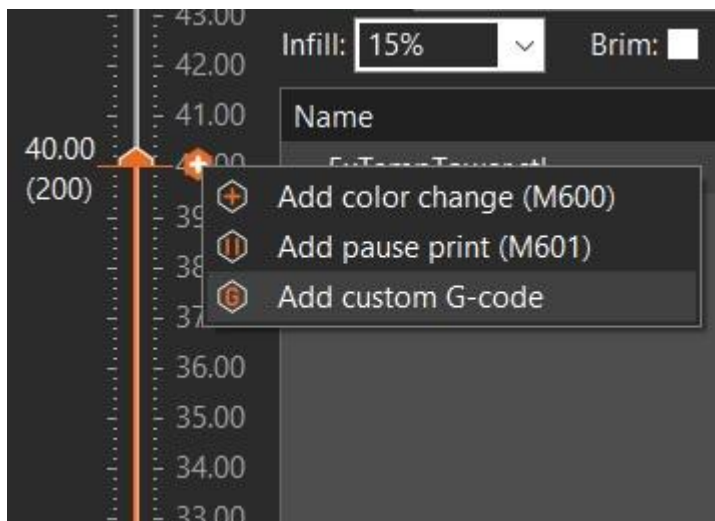
Tags: [bridge](#) [filament](#) [test](#) [tower](#) [sample](#) [probe](#)
[retraction](#) [temp](#) [temperature](#) [cooling](#) [heat](#) [testmodel](#)
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Since I could not find the ideal temp tower that meets my expectations, I designed my own.

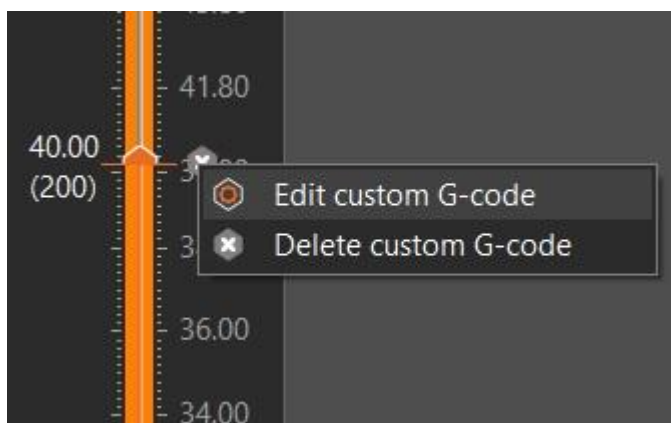
Features:

- Uses little material because it is not too big
- Different overhangs, 45° and a curved one
- A thin wall at the overhang to test the layer adhesion by breaking it
- A bridge, from 30mm length in the back to 35mm in the front
- Several filigree details

- No temperature labeling, as this varies according to the material anyway
- A large base for good bed adhesion



The individual segments are 10mm high, therefore every 10mm the temperature change can be set with the **M104 S...** command.

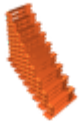


I have added a prepared 3mf file which contains all sizes of the Temptower and the temperature change at the right places. There you just have to select your printer profile and filament profile, slice and then right click on the places with the set gcode to enter your desired temperature.

If you like check out [my other designs too!](#)

Note: Since the question came up recently, the license states that you may not use this model commercially. For me it's ok if you show the photos or the model to your audience, even if you make money with it as long as you name me as the creator and link to this page. You are not allowed to sell the files or the printed model itself.

Model files



preparedtemptowers.3mf

☐ Just set your filament and printer Profile and your temperatures on the prepared custom code



2xtemptower.stl



3xtemptower.stl



4xtemptower.stl



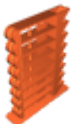
5xtemptower.stl



6xtemptower.stl



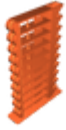
7xtemptower.stl



8xtemptower.stl



9xtemptower.stl



10xtemptower.stl

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