



Spiral Vase



Oxyg3n

[VIEW IN BROWSER](#)

updated 3. 4. 2022 | published 22. 3. 2022

Summary

A simply test print with a spiral vase. Easily makeable with "Spiralize Outer Countour" mode.



0.59 hrs



1 pcs



0.15 mm



0.40 mm



PLA



6 g



Prusa
MK3/S/S+

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

Tags: [prusa](#) [vase](#) [prusament](#) [test](#) [spiral](#) [vasemode](#)
[prusai3mk3](#) [prusai3mk3s](#) [spiralvasemode](#) [flowervase](#)
[testprint](#) [prusamini](#) [cura](#) [decorationvase](#) [spiralizedcontour](#)

Spiral Vase

a test print for “Spiralized Outer Coutour” function.

Sliced with Cura, I did this print with my Prusa i3 MK3S printer. The filament I used was a generic grey PLA. No supports needed.

What does “Spiralized Outer Contour” (Vase Mode) mean?

Vase Mode is a Cura's experimental mode that prints the walls only, so the final 3D model will be empty. Another associated function, smooth spiralized contour, makes the filament looks more agglomerated, becoming visually almost smooth.

What are the best settings to print this vase?

In case you are using a Prusa i3 MK3S, just like i did, you can try this settings that worked fine for me. (Settings may vary according to your printer, the filament you are using and the ambient conditions).

For PLA:

Nozzle temp: 210 °C

Bed temp: 70 °C

Print speed: 60 mm/s

Spiralize Outer Contour + Smooth enabled

you can leave everything else as default.

Hope you enjoy your first print with this awesome design technique!

Model files



spiral_vase.stl

Print files



pi3mk3m_spiral_vase.gcode

PLA 0.40 mm 0.15 mm 0.59 hrs 6 g

50% Dimensioned model (Best for testing)

[Find source .stl files on Thingiverse.com](#)

License

This work is licensed under a
Creative Commons (International License)



Public Domain

- ✓ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition