



Flat-Pack Test Tube Rack

big_oaf

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Summary

This is a flat-pack test tube holder for up to 10 test tubes. At its current size, with 20mm holes, it will hold the...

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This is a flat-pack test tube holder for up to 10 test tubes. At its current size, with 20mm holes, it will hold the 18mm diameter tubes or the shorter/narrower 16mm tubes. As long as the tubes will fit in the 20mm holes and are at least 90mm tall, they will fit, but you could easily scale it up/down as needed.

It is very easy and fast to print. I've seen similar models, but my slicers had issues with the files, so I just modeled my own. You will need to print 1 bottom, 1 top, and 2 sides. There are two "top" files--one with open holes, and one with the holes enclosed for a single layer. I found the "closed holes" version stuck to the bed much better. The single layer is easy to remove with a sharp knife or a reamer.

Print Settings

Printer Brand:

Prusa

Printer:

i3 MK2S

Rafts:

No

Supports:

No

Resolution:

0.2mm

Infill:

15%

Category: Learning

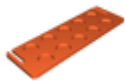
Model files



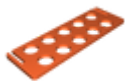
side.stl



bottom.stl



top_closedholes.stl



top.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com/thing:4511111/files)

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