



silica gel and hygrometer mount



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[VIEW IN BROWSER](#)

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Summary

Mount a silica gel bag and a hygrometer to the lid of a dry box.



4.48 hrs



2 pcs



0.20 mm



0.40 mm



PET



37 g



Prusa
MK3S/S+ &
MMU2S

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Tags: [drybox](#) [mount](#) [hygrometer](#) [hygrometermount](#)
[silicagel](#) [hygrometerholder](#)

This can be used to mount a silica gel bag (I used <https://www.amazon.de/gp/product/B075JGZDY3>) and optionally a hygrometer (I used <https://www.amazon.de/gp/product/B07GPT8HPY>) into a dry box lid, like this one: <https://www.amazon.de/gp/product/B06XXD4DSP>. I printed this from PETG with 0.2mm layer height without additional support structures besides those I already added to the model since I was not so happy with what the slicers produced. You need some M3 screws and nuts for mounting this to the holes you drill into the support structures of the lid.

The other parts I used to build the complete dry box for the Prusa MMU2S (or any other setup with 5 filament feeds) can be found in those links:

1. The Auto-Rewind Spool Holder at <https://www.printables.com/model/450740-auto-rewind-spool-holder-for-drybox> (5 modules)
2. Dry Box PTFE Tube Passthrough <https://www.printables.com/model/30039-dry-box-ptfe-tube-passthrough> (5 times)
3. optional: Universal Filament Filter and Lubricator at <https://www.thingiverse.com/thing:492067> (5 times)

This remix is based on

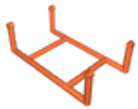
schiele/3dmodels



3dmodels/silicaholder.scad at main · schiele/3dmodels



Model files



silicaholder_nohygrometer.stl

☐ version without hygrometer holder



silicaholder.stl

☐ version with hygrometer holder with support structures in the model



silicaholder_nosupport.stl

☐ version with hygrometer holder but without support structures in the model

Print files



silicaholder_02mm_petg_mk3smmu2s_3h7m.gcode

⊗ PET ⚙ 0.40 mm ≡ 0.20 mm ⌚ 3.12 hrs ⚖ 25 g

🖨 Prusa MK3S/S+ & MMU2S

📄 version without hygrometer holder



silicaholder_02mm_petg_mk3smmu2s_4h29m.gcode

⊗ PET ⚙ 0.40 mm ≡ 0.20 mm ⌚ 4.48 hrs ⚖ 37 g

🖨 Prusa MK3S/S+ & MMU2S

📄 version with hygrometer holder

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

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