Customizable Snow Globe

Sconnie Makes

VIEW IN BROWSER

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Summary

An easily printable snow globe you can customize the scene within using different panels.

9.88 hrs	12 pcs	0.20 mm	0.40 mm	PLA	119 g	Prusa MK3S/S+ & MMU2S

Seasonal designs > Winter & Christmas & New Year's

Tags: man dog christmas santa snowman snow winter customizable custom houses reindeer festive holiday snowglobe presents globe seasonal

Looking for the ornament version? Check that out here!
Create your own snow globe by picking which panes to print and slotting them into the base! The base can support up to 3 panes, and there are 9 options (+1 blank pane) to choose from. A full snow globe can be printed/assembled in ~3.5 hours.
UPDATE - I have uploaded a Base_LOOSE file which should have slightly larger slots (103%) to help with tight panels

ASSEMBLY:
Print 1x Snowglobe_Base and 3x panes of your choice. Slot panes into the corresponding spots on the base. Depending on the tolerances of your printer you may want to add some superglue into the base, but it should be a reasonably snug fit. Best results come from printing/painting panes in different colors to create a layered effect.
TROUBLESHOOTING:
If the fit is tight you can try filing/deburring the sides of the tab to make it slide in easier, if the panes are too thick you can either clear out the slots in the base using the same method or scale the Z slightly down. I adjusted my Z height partway through printing these and noticed my parts didn’t want to fit anymore, so it might be an option for you as well.
Thank you all for all of your support and have a great holidays!

-Sconnie Makes

Model files

STL Files 12 files

snowglobe_bulb.stl

snowglobe_base_loose.stl

snowglobe_base_snug.stl

snowglobe_blank.stl

snowglobe_house.stl

snowglobe_dog.stl

snowglobe_stars.stl

snowglobe_snowman.stl

snowglobe_presents.stl

snowglobe_tree.stl

snowglobe_santa.stl

snowglobe_snow.stl

OBJ Files 12 files

snowglobe_base_snug.obj

snowglobe_base_loose.obj

snowglobe_blank.obj

snowglobe_house.obj

snowglobe_presents.obj

snowglobe_snowman.obj

snowglobe_bulb.obj

snowglobe_tree.obj

snowglobe_dog.obj

snowglobe_snow.obj

snowglobe_stars.obj

snowglobe_santa.obj

Inventor Files

12 files

snowglobe_base_snug.ipt

snowglobe_base_loose.ipt

snowglobe_snowman.ipt

snowglobe_house.ipt

snowglobe_bulb.ipt

snowglobe_tree.ipt

snowglobe_blank.ipt

snowglobe_stars.ipt

snowglobe_presents.ipt

snowglobe_santa.ipt

snowglobe_snow.ipt

snowglobe_dog.ipt

DWG Files 10 files

snowglobe_house.dwg

snowglobe_presents.dwg

snowglobe_blank.dwg

snowglobe_snowman.dwg

snowglobe_trees.dwg

snowglobe_dog.dwg

snowglobe_bulbs.dwg

snowglobe_stars.dwg

snowglobe_santa.dwg

snowglobe_snow.dwg

Print files

snowglobe_dog_02mm_pla_mk3smmu2s_29m.gcode

PLA 0.40 mm 0.20 mm 0.49 hrs 5 g

Prusa MK3S/S+ & MMU2S

snowglobe_blank_02mm_pla_mk3smmu2s_20m.gcode

PLA 0.40 mm 0.20 mm 0.33 hrs 4 g

Prusa MK3S/S+ & MMU2S

snowglobe_santa_02mm_pla_mk3smmu2s_40m.gcode

PLA 0.40 mm 0.20 mm 0.66 hrs 7 g

Prusa MK3S/S+ & MMU2S

snowglobe_tree_02mm_pla_mk3smmu2s_44m.gcode

PLA 0.40 mm 0.20 mm 0.73 hrs 8 g

Prusa MK3S/S+ & MMU2S

snowglobe_snowman_02mm_pla_mk3smmu2s_29m.gcode

PLA 0.40 mm 0.20 mm 0.48 hrs 6 g

Prusa MK3S/S+ & MMU2S

snowglobe_house_02mm_pla_mk3smmu2s_27m.gcode

PLA 0.40 mm 0.20 mm 0.46 hrs 6 g

Prusa MK3S/S+ & MMU2S

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snowglobe_bulb_02mm_pla_mk3smmu2s_49m.gcode

PLA 0.40 mm 0.20 mm 0.82 hrs 7 g

Prusa MK3S/S+ & MMU2S

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snowglobe_base_loose_02mm_pla_mk3smmu2s_1h39m.gcode

PLA 0.40 mm 0.20 mm 1.66 hrs 28 g

Prusa MK3S/S+ & MMU2S

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snowglobe_base_snug_02mm_pla_mk3smmu2s_1h39m.gcode

PLA 0.40 mm 0.20 mm 1.65 hrs 28 g

Prusa MK3S/S+ & MMU2S

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snowglobe_presents_02mm_pla_mk3smmu2s_41m.gcode

PLA 0.40 mm 0.20 mm 0.68 hrs 7 g

Prusa MK3S/S+ & MMU2S

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snowglobe_stars_02mm_pla_mk3smmu2s_40m.gcode

PLA 0.40 mm 0.20 mm 0.66 hrs 6 g

Prusa MK3S/S+ & MMU2S

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snowglobe_snow_02mm_pla_mk3smmu2s_1h16m.gcode

PLA 0.40 mm 0.20 mm 1.26 hrs 7 g

Prusa MK3S/S+ & MMU2S

Other files

snowglobe.ai

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