



Gasoline:Oil Mixture Measuring Cup - 50:1 and oz/ ml



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Summary

A measuring cup for mixing oil into gas (gasoline/petrol).



4.48 hrs



3 pcs



0.20 mm



0.40 mm



PET



39 g



Prusa
MK3/S/S+

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Tags: [measure](#) [dispenser](#) [volume](#) [fuel](#) [dispense](#)

This measuring cup was made specifically for my chainsaw, which requires a gasoline:oil mixture of 50:1. However, I also wanted to make it more generally useful, as well as customizable for other required fuel mixtures. For this reason I designed the cup with removable volume labels.

If you need a 50:1 fuel mix measured in gallons as I do, then simply insert the appropriate label. The marker lines show how much oil to use for either 1 or 2 gallons of gas.

If you need a different ratio, or are working with liters instead of gallons, then you can insert the “general” label. I suggest marking your required oil volume with a marker pen before inserting the label, for ease of use.

Print Instructions

Use the provided 3mf or gcode files to print in PETG; otherwise :

- designed for 0.2mm layer height
- 0% infill
- perimeters = 3
- “labels” print in 2 colors with filament switching

CAD

The OnShape 3D CAD files for this are here :

<https://cad.onshape.com/documents/20bd2913b34a7b5b7c9dc1b5/w/6994a2db23c129bd114a16dd/e/9761ce54a5b4f7c23749bcee>

Model files



measure06-cup.3mf



measure06-label.3mf



measure06b-label.3mf



measure06-cup.stl



measure06b-label.stl



measure06-label.stl

Print files



measure06b-label_02mm_petg_mk3s_24m.gcode

PET 0.40 mm 0.20 mm 0.41 hrs 5 g Prusa MK3/S/S+



measure06-label_02mm_petg_mk3s_28m.gcode

PET 0.40 mm 0.20 mm 0.47 hrs 6 g Prusa MK3/S/S+



measure06-cup_02mm_petg_mk3s_3h36m.gcode

PET 0.40 mm 0.20 mm 3.60 hrs 28 g Prusa MK3/S/S+

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

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