

SPOOL GAUGE PRUSAMENT



3 VERSIONS

- Weight indications
- Length indications
- Percentage indications

SPOOL GAUGE - FILAMENT TESTER - (Tested)



ART TOO

[VIEW IN BROWSER](#)

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Summary

Volumetrically calculated spool meter, specifically for Prusament filament.
- Single color gcode available.



9.39 hrs



9 pcs



0.20 mm



0.40 mm



PLA
PET



117 g



Prusa
MK3/S/S+

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[prusamentspool](#) [prusaments](#) [spoolgauge](#) [volumetric](#)
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A volumetric calculation was used to determine the precise placement of the lines, as the spool diameter decreases more rapidly when it's nearly empty than when it's full.

Three versions have been uploaded:

Version	Description
Percentage	Indicates the remaining percentage of filament
Remaining length	Shows how many meters are left
Remaining weight	Displays the estimated weight left in grams

Model files



percentage.stl



gram.stl



length.stl

Print files



MULTI MATERIAL - PLA

3 files



percentage-multicolor-pla.gcode

PLA 0.40 mm 0.20 mm 1.04 hrs 13 g Prusa MK3/S/S+



length-multicolor-pla.gcode

PLA 0.40 mm 0.20 mm 1.05 hrs 13 g Prusa MK3/S/S+



grams-multicolor-pla.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.05 hrs ⚖️ 13 g 🖨️ Prusa MK3/S/S+



SINGLE MATERIAL - PETG

3 files



grams-singlecolor-petg.gcode

⚙️ PET ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.04 hrs ⚖️ 13 g 🖨️ Prusa MK3/S/S+



percentage-singlecolor-petg.gcode

⚙️ PET ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.03 hrs ⚖️ 13 g 🖨️ Prusa MK3/S/S+



length-singlecolor-petg.gcode

⚙️ PET ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.04 hrs ⚖️ 13 g 🖨️ Prusa MK3/S/S+



SINGLE MATERIAL - PLA

3 files



percentage-singlecolor-pla.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.04 hrs ⚖️ 13 g 🖨️ Prusa MK3/S/S+



length-singlecolor-pla.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.05 hrs ⚖️ 13 g 🖨️ Prusa MK3/S/S+



grams-singlecolor-pla.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.05 hrs ⚖️ 13 g 🖨️ Prusa MK3/S/S+

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