CS7.2 Classifier Assembly Guide

# Printing the parts

The models for the 3d printed parts for the classifier base are available in the “Classifier” folder in the github CS7.2 repo.

<https://github.com/sjseth/AI-Case-Sorter-CS7.2/tree/main/Models/Classifier>

From this folder, you need to print all models.

For all parts in this folder here are the print recommendations:

**Filament:** PLA+ or PETG.

**Color:** Color effects the imaging quality. Best to print the classifier base, feed wheel, tension cam and light shade in black. If you choose another color, be sure to paint or black out the bottom surfaces of these parts which are visible by the camera.

**Layer Height:** 2.0

**Support:** Recommend using tree support for entire project, however, use the support mode you get the best results with on your printer. For Bambu printers, I have found these settings work well:   
A screenshot of a computer

AI-generated content may be incorrect.

Note that other slices such as Cura, the support angle may read 87 degrees (opposite of Bambu/Orca slicer)

**Strength/Density:** 3 walls, 20% infill

# Assembly

A drawing of a plastic object

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