# 3D Printing Summary (Prusa MK4)

|  |  |
| --- | --- |
| **Metrics** | **Water Gun Stand** |
| Total Print Time (min) | 466min |
| Total Number of Components | 2 |
| Typical Total Mass (g) | 205.68g |
| Typical Number of Print Setups | 1 |

# 3D Printing Settings (Prusa MK4)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Print File Name** | **Qty** | **Total Print Time (hr:min)** | **Mass (g)** | **Infill (%)** | **Support (Y/N)** | **Layer Height/ Nozzle Diameter (mm)** | **Notes (orientation, special settings, etc.)** |
| water\_gun\_stand\_v2.stl + swivel\_plate.stl | 1 | 7:46 | 205.68g | 15 | Y (on build plate only) | 0.3/0.4 | Print in orientation given in STL  Used 0.20mm structural rather than speed |

# Post-Processing

It is good to use supports for this device. I chose to let my slicer program, the Prusa slicer, automatically insert supports on the build plate only. I also chose to use 0.20mm structural instead of speed, so that the build has a higher chance of being printed stably.

# Customization Options

The user can request the colour of the stand or any other custom markings they may want on the device.

# Examples of Quality Prints

Below are pictures of what the quality of the print is expected to look like.

|  |  |
| --- | --- |
| A white object on a table  AI-generated content may be incorrect. | A white object on a table  AI-generated content may be incorrect. |