



Mini Optical Workbench



yba2cuo3

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Summary

This is an adaptable mini-optical workbench for experimental & demonstration purposes built on M3 hardware.

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This is an mini-optical workbench for experimental & demonstration purposes. Unlike the professional optical workbenches which use M6 threaded holes spaced 25mm apart for mounting larger components on a thick aluminum plate, this design uses M3 nuts which are secured on the underside of a printed PLA or ABS plate. Additionally, the mounting holes are spaced 25mm in the vertical direction and 15mm (staggered) in the vertical direction, which makes it ideal for mounting smaller optical components for testing. The plate measures 165x165mm and is 5mm thick with a total of 136 mounting holes.

UPDATE: You can use this optical workbench with this Printable design: [Mini Optical Alignment Mechanism & Workbench by yba2cuo3](#) | [Download free STL model](#) | [Printables.com](#)

Model files



micro_optical_workbench_v2.stl

☐ Upgraded version to accommodate for the Mini Optical Adjustment Assembly

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