

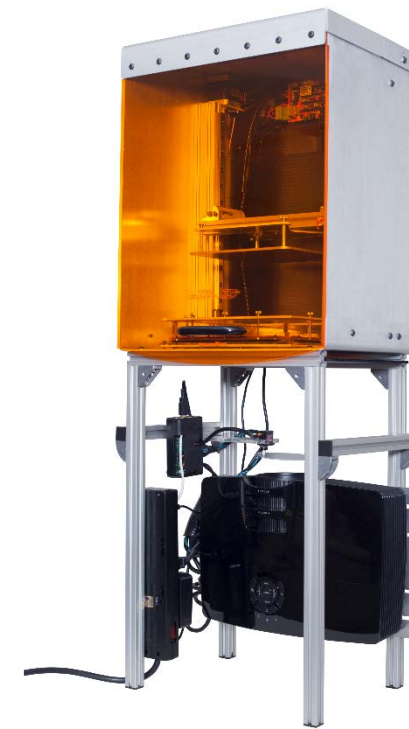


mUve 3D DLP Pro Printers

OPEN-SOURCE PRINTING SOLUTIONS THAT ALWAYS FIT

Our professional series of DLP 3D Printers are a perfect fit in any home or office environment. They're preassembled so it's easier to unbox and get printing in a short time. We even offer the Pro model fully assembled and calibrated, you can be up and printing in minutes. Not hours or days. Because they're fully adjustable like all our DLP systems you can tune your printer to your exact needs. Adjustable X/Y and Z resolutions means you adjust your system to your projects and requirements. Not the other way around.

All our systems are open to use a range of software, though we've always recommended nanoDLP. It's a feature rich system that runs on PC, but also small systems like the Raspberry Pi. We utilize the powerful Raspberry Pi 3 to provide a truly stand-alone experience. Simply attach the RPi 3 to your local wired or wireless computer network and access the printer from any available device with network connectivity and a web browser. You can even use the cloud dashboard to check on your system from anywhere you have internet connectivity.



DLP PRO MODELS FEATURE:

- HIGH STRENGTH ALUMINUM CHASSIS
- PREASSEMBLED, SPEEDY SETUP
- LARGE ADJUSTABLE PRINT AREA
- ADJUSTABLE PRINT RESOLUTION
- SUPPORTS ALL DLP RESINS
- LONG LASTING PRINT SURFACE
- CLOUD BASED REMOTE PROGRESS
- NO COMPUTER REQUIRED
- OPEN HARDWARE AND SOFTWARE
- OPTIONAL PRINT RCRD/TIMELAPSE

ADJUSTABLE PRINTERS always fit your requirements

ADJUSTABLE HARDWARE

With an adjustable projector mount system and adjustable projector, you can change your X/Y print resolution to match your project. Choose a large print area with lower X/Y resolution, or a smaller print area with a higher X/Y resolution. We even offer additional lenses that increase print resolution to 25 microns and below. These simple add on lenses give the projector a smaller output while also increasing the range of focus on the smaller scale.

- Maximum build area of 175mm x 98.5mm x 250mm Z
- Maximum X/Y print resolution <25 microns with lensing
- Swappable high-performance or high-durability reservoir base plates to suit your needs
- Removable projector hot-mirror doubles UV performance and cuts print times in half

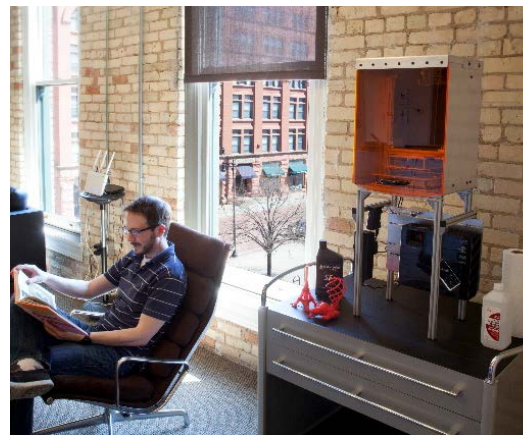
USE ANY PRINTING RESIN

When you choose the pre-calibrated printer, or remove your projector hot mirror on self-finished models, you gain more than just print speed. You also open the UV spectrum that is provided by the projectors' mercury vapor light source. You'll be able to choose printing resins that cure at ranges from ~300nm to up over 700nm!

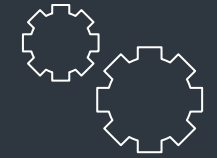
BY GIVING YOU FULL CONTROL OVER SOFTWARE AND HARDWARE, YOU CAN CUSTOMIZE TO ANY PRINTING NEEDS

ADJUSTABLE SOFTWARE

nanoDLP software is fully customizable, from output resolutions as high as 4k or 8K, to adding part support material, part hollowing, infill, even pixel dimming, anti-aliasing, and barrel distortion correction for situations where heavy lensing and ultra-high resolutions require some software correction for best performance. Anti-aliasing and pixel dimming ensure the highest print quality along with an easier setup experience than most DLP machines on the market. nanoDLP even has built-in display/print calibration tools.



- nanoDLP is free to use and distribute
- Adjustable resolution in microns for both X and Y axis
- Advanced Anti-Aliasing and Pixel Dimming options
- Barrel Distortion Correction to allow aggressive lensing
- Fully adjustable print output, cure time, peel speeds, ...
- Full I/O control, internal functions, programmatic math
- Self-monitoring system with auto updates!



OPEN HARDWARE, FREE SOFTWARE

More adjustable and open than any other SLA 3D printer on the market. Our machines can be customized to any need, and environment. Open hardware means we share our printer CAD designs. Now nothing will get in the way of you having the perfect SLA printer. Even more, free software means no sneaky recurring costs.



UNTETHERED PRINTING

Onboard model storage, slicing, and project management means your printer won't require a dedicated PC, in-fact our machines are some of the most convenient and least impactful to established work environments. Universal web browser access means it's up to you how you operate your printer.



REMOTE MONITORING

By enabling your nanoDLP Cloud Dashboard you allow yourself to access to your printer anywhere you are in the world. You can even use the Cloud Dashboard to help discover your printer on your PC network if you have numerous devices or if network setups aren't your strength. It even supports UPnP network discovery!

