Asiga PRO 4K

3D PRINTER (DLP RESIN) | MAINTENANCE SCHEDULE

The Asiga PRO 4K is built for higher-volumeproductionprinting. Because it sees more print cycles than entry-level units, the basin glass and trayshouldbecheckedmorefrequently to avoid throughput-killing defects.

DAILY

- Wipe down the build platform after every print before re-mounting a tray.
- Inspect the resin tray film for cured debris, scratches, or punctures before each job.
- Strain resin through a 200-micron (or finer) mesh filter when topping off or changing material.
- Wear nitrile gloves whenever handling uncured resin.

WEEKLY

- Clean the basin glass with a microfiber cloth and IPA — scratches or smudges here directly affect print resolution on the PRO 4K's projector.
- Wipe down the exterior housing with a microfiber cloth and cold water.
- Verify the build platform is level and properly seated.

MONTHLY

- Validate platform calibration, or after every 20 prints, whichever comes first.
- Inspect the mirror beneath the basin glass for dust accumulation and clean carefully.
- Check for firmware/software updates via Composer.

AS NEEDED

- Replace the resin tray once its lifecycle has been reached or it shows signs of damage.
- Store spare trays in a dark, covered container between uses.
- After a failed print, check the tray for cured debris before continuing production.



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