Asiga MAX

3D PRINTER (DLP RESIN) MAINTENANCE SCHEDULE

TheAsigaMAXisaDLPresin3Dprinterusedfororthodontic and restorative models, splints, and surgical guides.Keepingtheopticalpathandbuildplatformclean is the single biggest factor in consistent print accuracy.

DAILY

- Wipe down the build platform after every print before re-mounting a tray.
- Inspect the resin tray (vat) film for cured debris, scratches, or punctures before starting a new job.
- Stir or gently agitate resin in the tray if it has been sitting idle, to prevent pigment settling.
- Remove any cured fragments from the resin using a fine mesh strainer when changing or topping off resin.
- Wear nitrile gloves any time uncured resin is handled; uncured resin can cause skin or eye irritation.

WEEKLY

- Clean the basin glass (the window the projector shines through) with a microfiber cloth and IPA — smudges here directly degrade cure quality.
- Wipe the exterior housing and touchscreen with a microfiber cloth and cold water.
- Check the build platform for level and re-seat if any wobble is detected.

MONTHLY

- Run a full platform calibration, or after every 20–30 prints, whichever comes first.
- Inspect the mirror beneath the basin glass for dust; carefully blow away debris without touching the mirror surface (replace if smudged).
- Check for firmware/Composer software updates via the Asiga logo in Composer.

AS NEEDED

- Replace the resin tray once its RFID-tracked lifecycle has been reached or if punctured by cured debris.
- Store unused trays in a dark, covered environment away from contaminants.
- If a print fails, inspect the tray immediately for debris before the next job to avoid punctures.



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