Asiga ULTRA

3D PRINTER (DLP RESIN) MAINTENANCE SCHEDULE

TheAsigaULTRAsharesthesameDLPopticalengineandSmart Positioning System as the rest of the Asiga platformline.Maintenanceprioritiesareidentical:acleanoptical path, a healthy tray, and routine calibration.

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 starting a new job.
- Stir resin in the tray if it has been sitting idle, to prevent pigment settling.
- Strain resin through a fine mesh filter when changing or topping off material.
- Wear nitrile gloves any time uncured resin is handled.

WEEKLY

- Clean the basin glass with a microfiber cloth and IPA to keep the projector path clear.
- Wipe down 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 every 20–30 prints, whichever comes first.
- Inspect the mirror beneath the basin glass for dust; blow away debris carefully without touching the surface.
- Check Composer for firmware and software updates.

AS NEEDED

- Replace the resin tray once its tracked lifecycle has expired or if it has been punctured by debris.
- Store spare trays in a dark, covered, contaminant-free location.
- Inspect the tray for debris immediately after any failed print, before resuming.



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