

Isopropyl Alcohol (IPA) Cleaning Stations

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Cleaning & Maintenance



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An IPA cleaning station is a bench area with isopropanol for washing resin prints, cleaning solder boards and degreasing parts, usually with labelled containers, brushes and a disposal drum. Proper stations make solvent use safe and organised.

Key Features

- IPA in 99% and 70% strengths
- Label-resistant containers with lids
- Brush and tank sets for washing
- Pump or squirt bottles for dispensing
- Waste collection drums

Typical Uses in the Workshop

- Wash uncured resin from SLA prints
- Degrease PCBs and components
- Clean tools, tips and surfaces
- Final rinse before curing prints

Safe Operation

1. Wear gloves and use the station in a ventilated area
2. Wash prints in the container with agitation
3. Rinse with clean IPA for the final wash
4. Allow parts to dry or cure after washing
5. Decant waste IPA into the disposal drum

SAFETY NOTES

- IPA is flammable - keep away from flames and sparks
- Work in a ventilated area; fumes irritate
- Use closed containers between uses
- Never pour IPA down drains
- Store drums of waste outdoors or in a vented cabinet

Maintenance & Consumables

- Keep the station restocked with IPA
- Filter or replace soiled wash containers
- Check pump bottles and labels
- Dispose of full waste drums correctly
- Clean the station bench weekly

Specification & Buying Notes

A proper station costs more but keeps solvent use organised and safe: labelled 99% IPA, a wash and rinse tank set, brushes, gloves and a waste drum. Buy IPA in bulk for the school year.