

Precision Instrument Maintenance Cleaning Kits

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Consumables & Spares



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Precision cleaning kits contain the lint-free wipes, optical cleaners, brushes, solvents and lubricants used to maintain measuring instruments, optics, calipers, micrometers and cameras, keeping precision tools accurate and looking new.

Key Features

- Lint-free wipes and cloths
- Optical lens cleaners and brushes
- Contact cleaners and IPA
- Microfiber cloths
- Precision lubricant drops

Typical Uses in the Workshop

- Clean micrometers, calipers and gauges
- Maintain lenses, mirrors and optics
- Clean electronic contacts and connectors
- Lubricate instrument movements

Safe Operation

1. Wipe instruments with lint-free cloths
2. Use the optical cleaner on lenses only
3. Brush debris before wiping
4. Lubricate movements with a drop
5. Store instruments covered after care

SAFETY NOTES

- Use the correct cleaner for the material
- Ventilate for solvents
- Do not spray cleaners directly on electronics
- Keep chemicals out of children's reach
- Dispose of soiled wipes correctly

Maintenance & Consumables

- Restock the kit components
- Check the solvent levels
- Replace worn brushes
- Store the kit sealed
- Log the instrument care schedule

Specification & Buying Notes

A complete precision cleaning kit with optical, contact and lubricant sections covers instrument care. Quality cleaners leave no residue; cheap solvents smear optics. Buy the specialised grades.