PCR Cabinet
Maintenance Essentials

A practical guide for clean workflows, reliable results, and longer equipment life.

Why maintenance matters

- **Prevent cross-contamination**
- **Maintain recirculation efficiency**
- **Extend equipment life**
- **Support laboratory safety compliance**

Maintenance in details

Cleaning and decontamination

- Clean before and after each use
- Use approved cleaning solutions
- Use a lint-free cloth
- Avoid abrasive materials
- **Important note!** Spray the cleaning agent onto a wipe or cloth before wiping the surface

Dust filter checks

- Inspect monthly
- Rinse in water and air-dry
- Replace if damaged
- Clogged filters reduce air recirculation efficiency

UV lamp monitoring

- Functional lifespan: 9,000 h
- Replace when the alarm indicates end of life
- Timely replacement helps maintain reliable decontamination

Cleaning compatibility by surface

Touchscreen

- Use non-abrasive cleaners
- Wipe dry after cleaning

UVC/T-AR & Shelves
Acrylic glass

- Use mild soap and water
- Rinse with distilled water
- Wipe dry afterwards
- For decontamination, use PDS-250*
- Do not use harsh chemicals
- Do not use ethanol above 20%

UVT-B-AR, UVC/T-M-AR, UVT-S-AR
Coated glass, stainless steel

Outside

- Use mild soap and water
- Rinse with distilled water
- Wipe dry after cleaning

Inside

- For decontamination, use PDS-250*, 75% ethanol, Sodium hypochlorite solution
- Wipe dry after cleaning

* DNA/RNA removing solution PDS-250: BS-040107-DK (PDS-250) or BS-040107-FK (PDS-10L)

Scan for the full maintenance guide

Best practice

By following proper cleaning procedures, performing regular maintenance, and scheduling long-term upkeep, you can ensure consistent results and prevent costly repairs.

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