



MAINTAINING YOUR AES EQUIPMENT

Stay Compliant. Stay Efficient. Think AES.

Use this checklist to help your team maintain biotech equipment for peak performance. Track daily, weekly, and monthly tasks, and spot early signaling that calibration, updates, or upgrades are needed.

Daily Tasks

- ☐ Check for physical wear or damage
- ☐ Wipe down surfaces using ISO-rated cleaning agents
- ☐ Inspect lines, seals, and connectors for leaks or product contamination
- ☐ Log all maintenance actions to maintain GMP/GLP traceability

Weekly Tasks

- ☐ Review equipment usage logs
- ☐ Inspect filters and seals
- ☐ Autoclave internal parts as permitted
- ☐ Check tubing and connectors for signs of wear

Monthly Tasks

- ☐ Run full system diagnostics
- ☐ Check for firmware or software alerts
- ☐ Confirm Calibration status and expiration
- ☐ Review environmental logs for temperature, humidity, and particulates

When to Calibrate

- ☐ Sensor drift or inconsistent readings
- ☐ After equipment relocation or power outages
- ☐ Every 3-6 months of standard use
- ☐ Before each batch for critical systems

Know When to Retrofit or Upgrade

- ☐ Equipment is still structurally sound, but underperforming
- ☐ Bottlenecks caused by outdated software or hardware
- ☐ Regulatory or data compliance requirements have changed
- ☐ Need to integrate with ERP, LIMS, or Automation Systems

Need Support Maintaining Your AES Equipment?

Learn how our experts can help you stay compliant and extend equipment life at thinkaes.com/after-market-service