

OptiRun™ Service Solutions

Training course

ÄKTA avant™ and ÄKTA pure™ chromatography system basic care and troubleshooting

Empower your ÄKTA™ system users to improve your research operations

Proper care of an ÄKTA™ chromatography system is a significant factor in preventing breakdowns. Your end users may not be aware of the simple best practices for cleaning and managing your equipment.

Ensure your researchers are properly trained on routine care and troubleshooting so they can prevent system downtime and identify, troubleshoot, and resolve equipment issues without needing to contact support.

Improve operational efficiency by minimizing downtime

Downtime can significantly disrupt your research efforts or cause missed production or publication deadlines. Proactively reduce the risk of downtime by preventing potential breakdowns from occurring.

The ÄKTA™ chromatography system basic care and troubleshooting course teaches system end users how to routinely care for your ÄKTA™ instrument in a way that keeps equipment running reliably.

Training can drive outcomes for your lab.

- Maximize uptime and productivity
- Ensure quality results
- Avoid unnecessary delays

This course goes beyond the system manual to give users insight into how the components of their ÄKTA™ system operate.

- Instructors with decades of experience
- Combined lecture and hands-on segments
- Conveniently held at your facility for up to six attendees

Reduce the need for service calls

Many service events stem from end users lacking system experience and expertise.

Common knowledge gaps	Potential operational impacts
Basic cleaning practices	Prolonged downtime
Familiarity with components	Reliance on service calls
Understanding of system messages	Increased risk of downtime

Cytiva will remain your collaborator in resolving equipment issues in the fastest manner possible, but you may be able to avoid time it takes to connect with us and potentially dispatch an engineer. If your staff knows how to pinpoint and resolve minor issues without outside support, these delays may be avoided.

This training course gives attendees the knowledge needed to skillfully analyze results and troubleshoot component issues to prevent or quickly resolve several common sources of downtime. As part of the curriculum, they also learn which spare parts should always be on site and how to install many of them without assistance.

Invest in training to lower long-term costs and risk

Equipment downtime can have financial implications. Expensive samples might be lost, and production benchmarks could be missed. The cost of unexpected service visits includes both the impact to a lab's budget and the length of time your research or production is put on hold.

Proper and routine care of your system is one of the best ways to prevent downtime that can cost your organization time, money, and resources. Attendees of this course learn basic best practices they can incorporate into day-to-day use of the equipment to reduce the risk of costly but avoidable system downtime.

Protect your production goals

How an ÄKTA™ system is maintained can have an impact on your output and results. System components require simple but specific routine care and attention. An untrained user may not be aware of the cleaning steps that can be completed at the end of a run to keep the system and column running under peak conditions.

Course code: 29118243



Highlights of the course include:

- Pump theory, flow path, and operation
- Troubleshoot and solve high pressure issues
- Solving pump pulse/flow issues
- Pump wash troubleshooting
- Troubleshooting using pressure, UV, and other system traces
- Routine items to clean and maintain
- Detector theory and operation
- Maintenance practices, user-level parts replacement, and many more valuable tips and tricks to maximize uptime

You can also contact us to develop a custom course based on your lab's specific needs.

cytiva.com/optiruntraining

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