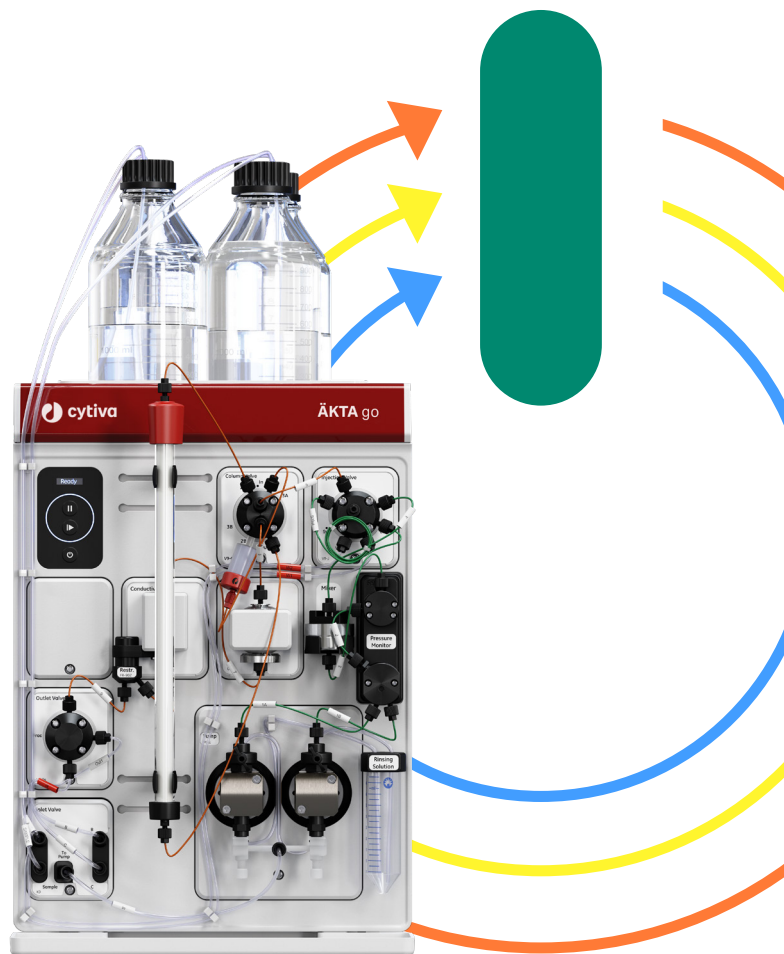


# OptiRun Service Solutions

Ensure optimal performance from your ÄKTA go, ÄKTA avant and ÄKTA pure systems with OptiRun



**Peak performance and minimal downtime are important to your research outcomes.** Maintaining complex equipment in prime condition is essential for meeting your goals in speed, accuracy, and productivity.

Preventive maintenance (PM) reduces the likelihood of unexpected breakdowns. It maintains quality while protecting your schedule. It keeps your equipment properly tuned and provides PM service reports upon completion. At Cytiva, PM is also an integral part of the design process. You benefit from our global experience maintaining thousands of life science systems.

 **Extended lifecycle**

 **Service traceability**

 **Maximized productivity**

## ***Main outcomes you can expect from PM:***

- Extend the life of your ÄKTA go, ÄKTA avant and ÄKTA pure
- Enable traceability via visit records
- Detect any issues that might cause potential future failures
- Maximize productivity
- Keep your equipment to original specifications
- Ensure quality of results

## ***Our scientific and engineering experts are the right ones to perform PM on your system***

Designing and servicing complex research equipment requires a deep understanding of both the process and the science behind it. Cytiva service engineers are trained and certified to perform PM on your ÄKTA™ lab systems.

### **Comprehensive testing and parts replacement**

During preventative maintenance, our qualified engineers apply an extensive set of functional tests and replace any necessary components, using quality parts from Cytiva. We have developed an advanced testing and validation system as part of our UNICORN™ software, enabling our engineers to examine each function and module of your ÄKTA go, ÄKTA avant or ÄKTA pure system. Parts most prone to wear and tear are determined by tests performed during equipment development and by ongoing analysis of our service records. We are constantly improving the scope of our replacement parts list to best serve your needs.

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#### **Extensive set of 50 tests and inspections**

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- Pump inspection and wear parts replacement
- Pump pulsation testing
- Valve switching and positioning
- UV lamp intensity test
- Fraction collector operation (fraction collector box and arm)
- Pressure sensor alarm
- Liquid system inspection and cleaning
- Mixer inspection
- Updates to the latest instrument configuration
- Review of service error log
- Operational check of computer and UNICORN software

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#### **Quality parts replaced during PM**

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- Pump seals
- Membranes for pump rinsing
- O-rings
- In-line, and inlet filters

**Note:** Parts replaced during preventive maintenance may vary from model to model. If your ÄKTA system is not covered by a Cytiva service agreement, any part replaced other than a wear part will incur additional charges.

#### ***PM documentation***

Following service or repair, Cytiva provides a standardized set of test results and documentation. This saves time, reduces costs, and supports compliance. Your OptiRun™ service engineer documents each PM visit and provides a full service report. PM protocols are available for review on request.

#### ***PM schedule***

Our standard recommendation is one PM visit per year. Your OptiRun service team can advise on the optimal frequency for your needs.

#### ***PM, an integral part of our service agreements***

To ensure the continued performance of your system, we build preventive maintenance into all our service agreements. Go to [cytiva.com/service](https://www.cytiva.com/service) to learn more about our OptiRun service agreements.

### **[cytiva.com/service](https://www.cytiva.com/service)**

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CY14039-03Nov20-FL

