



OptiRun™

service solutions

Ensure optimal performance from your ÄKTA™ avant and ÄKTA pure systems with OptiRun preventative maintenance

	Extended lifecycle
	Service traceability
	Maximized productivity



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 GE Healthcare Life Sciences, PM is also an integral part of the design process. You benefit from our global experience maintaining thousands of Life Science systems.

Main outcomes you can expect from PM:

- Extend the life of your 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. GE 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 GE Healthcare. 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 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.

Extensive set of 50 tests and inspections

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

PM documentation

Following service or repair, GE Healthcare 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.

Quality parts replaced during PM

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 GE service agreement, any part replaced other than a wear part will incur additional charges.

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 [gelifesciences.com/service](https://www.gelifesciences.com/service) to learn more about our OptiRun service agreements.

For more information, or to schedule a preventive maintenance visit: [gelifesciences.com/service](https://www.gelifesciences.com/service)

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GE Healthcare Bio-Sciences AB, Björkgatan 30, 751 84 Uppsala, Sweden

GE Healthcare Bio-Sciences Corp., 100 Results Way, Marlborough, MA 01752, USA

GE Healthcare Europe GmbH, Munzinger Strasse 5, D-79111 Freiburg, Germany

GE Healthcare Japan Corp., Sanken Bldg., 3-25-1, Hyakunincho Shinjuku-ku, Tokyo 169-0073, Japan

GE Healthcare UK Ltd., Amersham Place, Little Chalfont, Buckinghamshire, HP7 9NA, UK

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