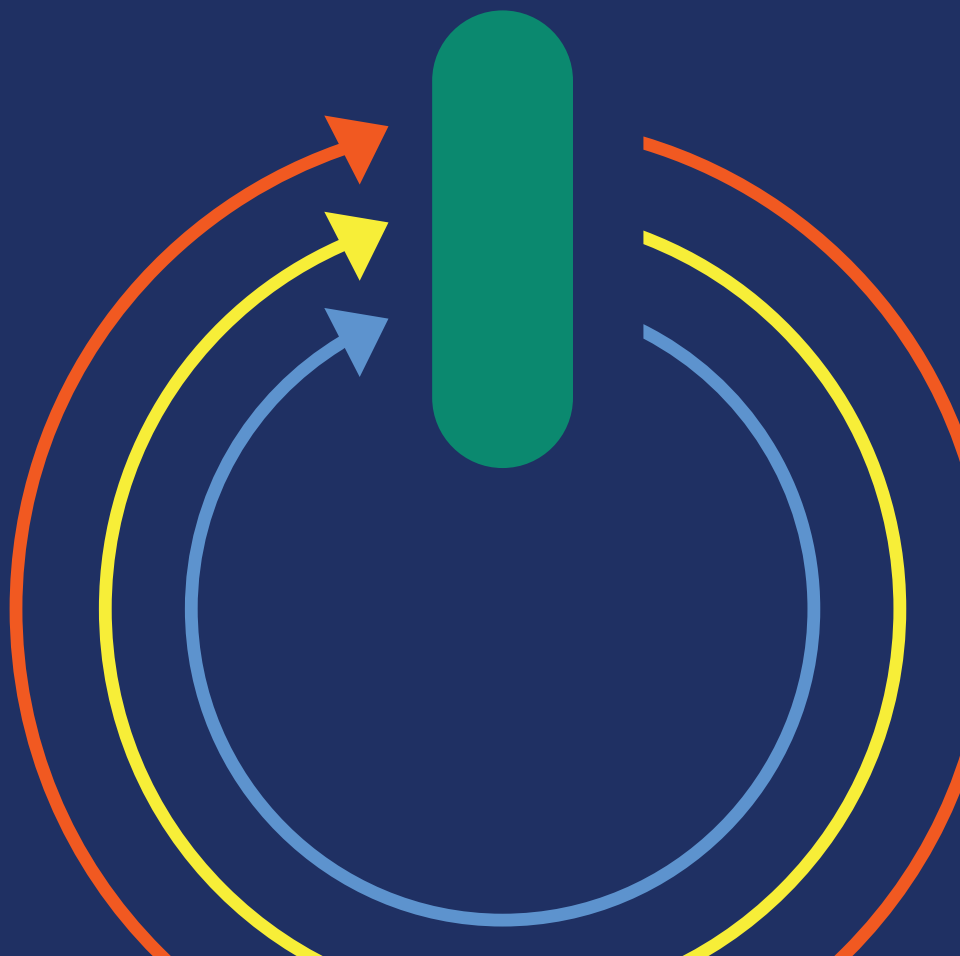


OptiRun™ Service solutions




ÄKTA™ system routine maintenance



ÄKTA™ systems are designed and tested to last. In our experience, ÄKTA™ systems in normal use can work for 10 years or more when properly maintained and regularly serviced. In order for you to ensure that your ÄKTA™ system will perform well over time, please follow these recommendations. This maintenance information is relevant for ÄKTA avant™ system, ÄKTA pure™ system, and ÄKTA go™ system. Other cleaning procedures might be required for specific areas of use.

At every run

- Make sure that back-rinsing solution (20% ethanol) is present for pumps
- Use buffer inlet filters for all used inlets
- Prior to experiment, purge pumps and calibrate pH monitor if used. Check for nicked tubing and tighten connectors before starting the run.
- After experiment, run system wash, including fraction collector/accumulator. Wash and wipe off the fraction collector sensors.
- For long term storage, leave system filled with 20% ethanol

	Extended LifeCycle
	Service traceability
	Maximized productivity

Article	Product code
On-line filter (10/pkg)	18102711
Inlet filter (10/pkg)	18111442
pH electrode	29387193

Weekly

- Change pump-rinsing solution. If necessary, use a syringe to prime rinsing system.
- Calibrate pressure sensors
- Perform fraction collector/accumulator wash and wipe off the fraction collector sensor
- Replace on-line filter in case of increased back pressure

Monthly

- Inspect tubing connectors and valve exteriors for signs of leakage (salt crystals)
- For optimal performance, change buffer-inlet filters

Every six months

- Clean the UV cell with detergent solution
- Consider replacing pH electrode (if a pH monitor is used)

Preventive maintenance

We provide preventive maintenance (PM) service and are happy to discuss the maintenance interval most suitable to your situation. Contact your local representative, or find your local contact details at [cytiva.com/contact](https://www.cytiva.com/contact).

Maintenance calendar for ÄKTA™ system

	Weekly		Monthly		6 months	PM		Notes	Date	Sign	
	Changed pump-rinsing solution	Calibrated pressure sensors	Fraction collector washed and sensors wiped off	Replaced on-line filter	Inspected valves for leakage	Replaced buffer inlet filters	Cleaned UV cell	Replaced pH electrode	PM performed by company representative		
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For more information, or to schedule preventive maintenance, visit: [cytiva.com/service](https://www.cytiva.com/service)

cytiva.com/service

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