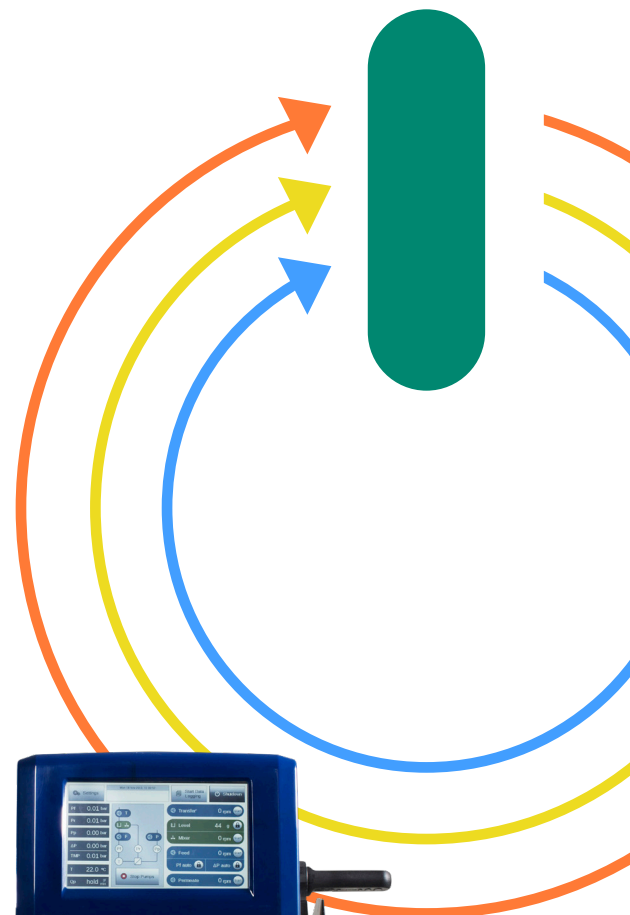


OptiRun Service Solutions

Maximize your ÄKTA™ flux
system performance with
preventive maintenance (PM)



**OptiRun™
LifeCycle**



**Service
traceability**



**Maximized
productivity**

Cytiva integrates PM into the design process when developing equipment. Planned PM visits maximize uptime, and they are more cost-effective and predictable than ad hoc repairs. We leverage global experience maintaining thousands of ÄKTA instruments to optimize PM procedures that protect your ÄKTA flux system performance, outcomes, and schedule.

What you can do with PM:

- Ensure accurate data
- Extend the life of your ÄKTA flux system
- Get the latest factory developments
- Enable traceability and compliance with service reports



Cytiva is the right partner for PM solutions

Servicing complex research equipment requires a deep understanding of the design, process, and science behind it. Our service engineers are trained and certified to perform PM on your ÄKTA flux system.

Comprehensive testing and inspections

During PM, our trained service engineers run tests and verifications to identify and make necessary replacements to ensure your equipment performance meets our factory standards. We designed and optimized these tests throughout product development. They reflect functional tests performed during equipment manufacture and before delivery to your site. If your system is not covered by our service agreement, any replacement parts that are not included in the PM kit will incur additional charges.

Testing and inspection

During each visit, our service engineers perform an extensive set of functional tests on your equipment.

The testing and inspection typically includes:

- Tests for pump flow rates, pressure sensors, temperature sensor, valves, load cell, and mixer
- A mechanical inspection
- A functional test for the user interface and a software check, including software updates for non-validated instruments

PM Kit content

A typical ÄKTA flux system PM visit includes replacement of following parts:

- Feed pump, peristaltic tubes or exchange of wear and tear kit
- Valves or valve diaphragms
- Tygon tube kit (ÄKTA flux s)
- Pressure sensor diaphragms
- Optional pumps, peristaltic tubes
- Tank Air filter and mixer stirrer
- TriClamp gaskets (ÄKTA flux 6)

Service agreements provide you with:

- Confidence in the accuracy of your results through regular PM visits
- Predictable ownership costs – rates are guaranteed for the duration of the agreement
- Minimal disruption with priority response from our trained service engineers
- Timely access to secured, product-specific wear parts to maximize uptime

Documentation

Our trained service engineers ensure that all changes are carefully evaluated, verified, documented, and reviewed.

PM schedule

We recommend standard PM frequencies for ÄKTA flux instruments based on usage:

System usage	Type of PM visit
Normal usage (up to 2000 hours per year)	One PM visit every second year
High usage (2000 to 4000 hours per year, or use with aggressive solvents)	One PM visit annually
Continuous usage (more than 4000 hours per year)	Two PM visits annually

PM, an integral part of our service agreements

To ensure the continued performance of your system, we build PM into all our service agreements.

For more information, visit cytivalifesciences.com/optirunservice or to schedule preventive maintenance, visit cytivalifesciences.com/optirunpreventive.

cytiva.com

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