

# OptiRun Service Solutions

Ensure optimal performance from your ÄKTA ready™ 450 system with preventive maintenance (PM)



**OptiRun™  
LifeCycle**



**Service  
traceability**



**Maximized  
productivity**

Keeping equipment in prime condition helps you minimize downtime and stay productive. Cytiva integrates PM into the design process to maintain quality while protecting your schedule. Our standardized service reports save time, reduce costs, and support compliance in regulated environments. With PM, you benefit from our experience maintaining thousands of ÄKTA™ systems worldwide.

## Cytiva service engineers support your bioprocess outcomes

### Main components of PM

- Functional testing and inspections
- Wear and tear change
- Documentation



### Outcomes you can expect

- Maintain system functionality and ensure accurate data
- Minimize downtime and extend the life of your equipment
- Signed preventive maintenance service report upon completion of PM

## Testing and inspections

During PM, our trained service engineers run tests and verifications to identify and make necessary replacements and ensure your equipment performance meets our factory standards. We designed and optimized these tests throughout product development. They reflect functional tests performed during manufacture and quality tests performed prior to delivery to your site.

### Documentation

We provide a standardized set of documentation and test results after the service or repair. This saves time, reduces costs, and supports compliance when working in a regulated environment. Our service engineers document each visit and provide a service report upon completion.

### PM schedule

For normal usage, we recommend one PM visit every two years. For continuous system usage we recommend one PM visit per year. For other usage rates, our service engineers can determine a PM frequency that suits your needs.

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

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

#### ÄKTA ready™ 450 tests and inspections

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Valve test (inlet, air trap, column, outlet)

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Pressure meter test

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Conductivity meter test

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pH meter test

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UV meter test

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Flow meter test

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Temperature test

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Pump test

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Air sensor test

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Mechanical inspection

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Safety tests

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Final inspection

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#### Quality parts replaced during PM

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Air filter

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Lamp Assy Cpl

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Shaft bearing cap unit

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#### 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

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