

# OptiRun Service Solutions

Maximize your UniFlux™ system  
operating 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 instruments to optimize PM procedures that protect your UniFlux™ system performance.

## Main outcomes you can expect from PM:

- Ensure accurate data
- Extend the life of your UniFlux 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 UniFlux 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 manufacture and quality tests performed 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:

- Test for the pump flow rate, pressure meter, temperature sensors, pH sensors, valves, air trap, flow meter, conductivity meter loop, and UV meter loop
- A mechanical inspection
- A hydrostatic leakage test
- Inspection and cleaning of the rotary lobe pump

### PM Kit content

A typical UniFlux system PM visit includes replacement of following parts:

- Pump, valve housing and cam kit
- Valve diaphragms
- Conductivity cell and O-ring kit
- Pressure meter seals
- pH electrode and O-rings
- Flow meter gasket kit
- TriClamp gaskets
- UV meter, lamp, filter and O-ring kit (optional)
- Pump, peristaltic tube (optional)
- Inlet valves (optional and non applicable for UniFlux 10)

A basic system PM visit includes replacement of only the pH electrode and UV filter, if applicable.

For more information, visit [cytivalifsciences.com/optirunservice](https://cytivalifsciences.com/optirunservice) or to schedule preventive maintenance, visit [cytivalifsciences.com/optirunpreventive](https://cytivalifsciences.com/optirunpreventive).

## cytiva.com

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### Service agreements ensure:

- 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 UniFlux systems based on usage:

| System usage   | Type of PM visit   |
|--|--|
| Normal<br>(up to 2000 hours per year)  | One comprehensive PM visit the year after warranty expiration and one basic PM visit the following year (repeat cycle every two years) |
| High usage<br>(2000 to 4000 hours per year, or use with aggressive solvents) | One comprehensive PM visit annually  |
| Continuous usage<br>(more than 4000 hours per year)                          | Two comprehensive 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.

