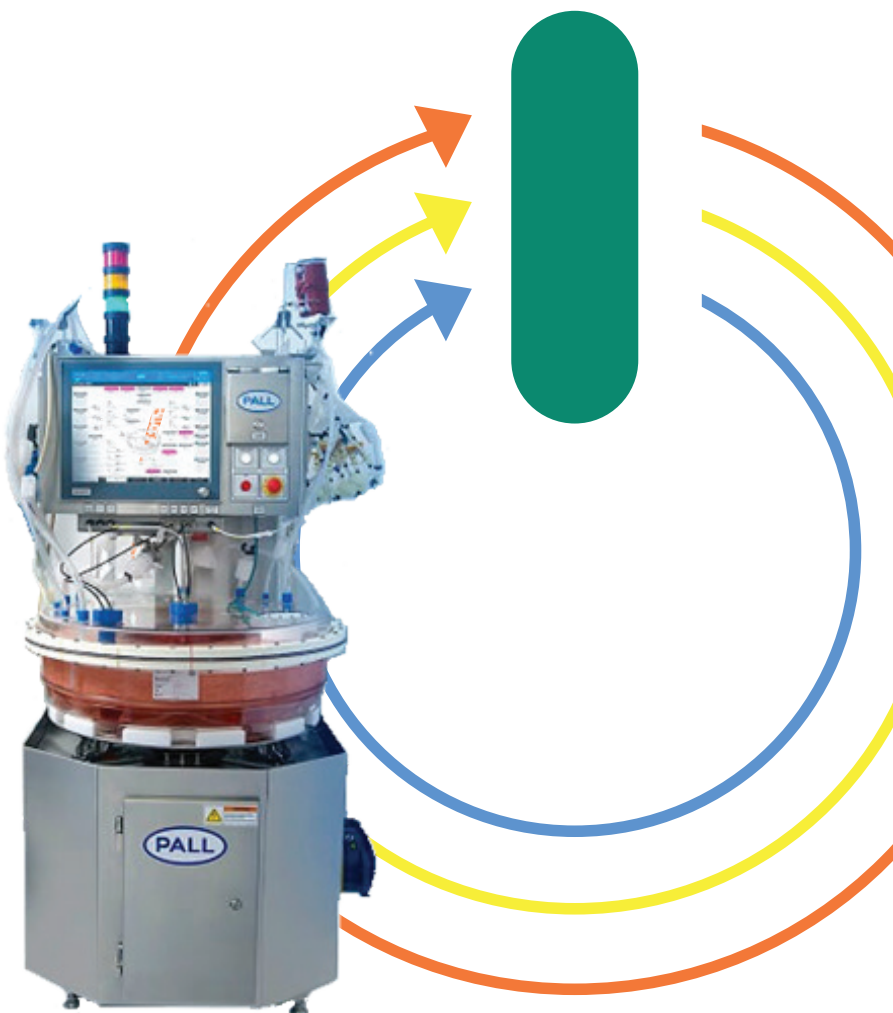


OptiRun™ Service solutions




Ensure optimal performance of your iCELLis® 500+ system with preventive maintenance



We understand the criticality and importance of your bioproduction processes, which is why we built a world-class service team to maintain your complex equipment and keep it in prime condition to help you optimize your workflow productivity, protect your investment, and support you to stay compliant.

Regular preventive maintenance (PM) is critical to optimal outcomes and reduces the likelihood of unexpected breakdowns thus minimizing downtime, while maintaining schedule and product quality. Additionally, it minimizes unexpected costly failures, and ultimately prolongs your equipment's lifecycle.

Our service engineers are trained, certified, and experienced with deep knowledge and understanding to take complete care of your iCELLis® 500+ system.

-  **Extended lifecycle**
-  **Service traceability**
-  **Maximized productivity**

Cytiva PM supports your bioproduction needs.

Main components of PM

Functional testing, inspections, and calibration

Wear-and-tear change

As-found/as-left testing

Documentation

Outcomes you can expect from PM

Ensure reliable accuracy of testing data and system functionality

Minimize unexpected failure risk; extend the life of your equipment

Ensure evidence equipment runs according to specifications after completed PM

Enable traceability with signed preventive maintenance service report upon completion of PM

Comprehensive testing and inspections

During preventive maintenance, our qualified engineers run necessary tests and verifications to keep your equipment to factory specifications and replace any necessary components using quality parts from Cytiva. These tests were designed and optimized throughout the development of the equipment and reflect functional tests performed during assembly, as well as quality tests performed prior to delivery to your site.

Comprehensive set of tests and inspections

Functionality verification	Gas handling module
	Biomass sensor
	pH and DO measurement
	Pressure sensor and pressure relief valve
	Temperature probe sensor
	Pinch Valve
	Base, inoculation and sampling pump rotation and speed
	Feed In and Feed Out pump rotation and speed
	Fill and drain pumps (if applicable)
	Agitation motor speed
	Media pre-heater and filter heater
	TCU communication
	Beckhoff UPS
	Verification and adjustment
	pH and dissolved oxygen (DO) measurements
Calibration	Gas handling module
Software check	Check for latest versions

Quality parts replaced during PM

Parts replaced	Agitator motor and gearbox
	Fan filter
	Cabinet filter

Documentation

Cytiva provides 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. The service engineer documents each PM visit and provides a service report upon completion of the visit.

Standard recommended PM frequency for iCELLis® systems

One preventive maintenance visit every year after warranty expiration.

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 cytiva.com/service to learn more about our OptiRun™ service agreements.

cytiva.com

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