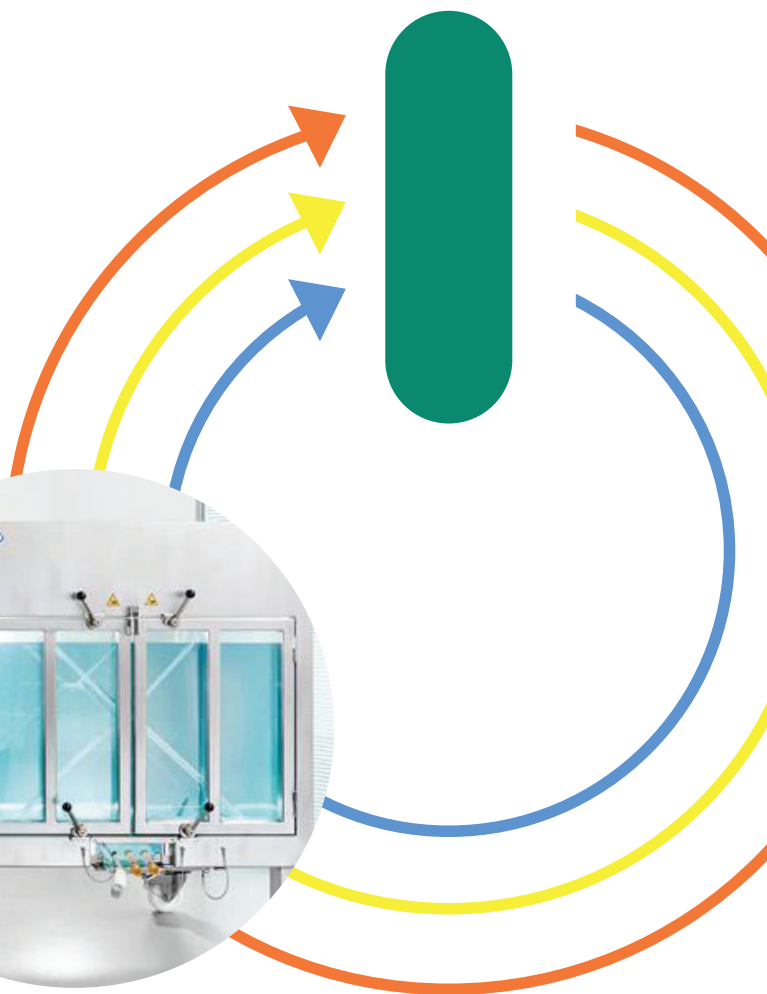


OptiRun™ Service solutions




Ensure optimal performance of your mixing tank 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 mixing tank system.

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

Cytiva PM supports your bioproduction needs.

Main components of PM

Functional testing, inspections, and verification

As-found/as-left testing

Documentation

Outcomes you can expect from PM

Ensure reliable accuracy of and functionality

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 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

System inspection	Exterior: to verify that there is no damage to the exterior of the system Interior: to verify there is no damage inside the tote body and the junction box of the system
Functionality verification	Functional testing of mechanical components: to verify that all mechanical components on the mixing tank are in good operational condition (wheels and brakes, doors and door latches, insert plates, drive biocontainer interface and O-ring, load cell indicator, probe and powder port supports, leveling feet and hoist if applicable) Drive unit docking check: the purpose of this procedure is to ensure that the appropriate drive unit can successfully dock to the mixing tank for optimal performance
Load cell configuration and verification	Verify that the load cells and indicator are correctly set up and are accurately reading all loads that would be added to the tank, which is available only upon request.

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 mixing tank 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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