

Preventive maintenance

Ensure optimal performance of your LevMixer™ system, Magnetic Mixer, or WandMixer mixing system

Preventive maintenance (PM) reduces the risk of unexpected breakdowns, helps keep your schedule on track, and ensures your equipment remains properly calibrated. PM is built into our equipment design process for long-term reliability and backed by extensive global experience. Our certified service engineers are trained to deliver expert PM tailored to your system. On completion, we provide detailed service reports for full traceability.

Comprehensive system assessment

During PM, our qualified engineers perform comprehensive tests and verifications to ensure your LevMixer™ system, Magnetic Mixer, or WandMixer mixing system meet original factory specifications. They replace any necessary components using quality parts from Cytiva. These procedures are based on protocols optimized during system design and reflect the same functional and quality checks applied during assembly and pre-delivery validation.

Tests and inspections

System inspection

Check for damage to exterior and interior

Functionality verification

RPM test of impeller and general motor functionalities

Parts replaced

Parts replaced as needed

Timing belt replacement (LevMixer system)

Fan filter replacement (LevMixer system and MMG403 Magnetic Mixer)

Guide roller and bearing replacement (LevMixer system and Magnetic Mixer)

PLC battery replacement (every six years, if applicable)



Fig 1. LevMixer drive unit gen V with the 200 L and 1600 L tanks.



Fig 2. WandMixer mixing system.

Documentation

We provide a standardized set of documentation and test results after each service or repair. This ensures full traceability, saves time, reduces costs, and supports compliance in regulated environments. Our service engineers document every PM visit and issue a service report upon completion.

Frequency

One preventive maintenance visit every year after warranty expiration.

What we do and why it matters

Main components	Outcomes
Functional testing, inspections, and calibration	Ensures reliable accuracy of testing data and system functionality.
Wear-and-tear replacement	Minimizes unexpected failure risk. Extends the life of your equipment.
Documentation	Signed PM service report upon completion.

An integral part of our service plans

To maintain consistent system performance of your LevMixer system, Magnetic Mixer, or WandMixer mixing system, PM is included in all our service agreements.



Learn more about how our service agreements can support your operations at cytiva.com/equipment-services

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