

Preventive maintenance

Ensure optimal performance of your AquaWIT IV and AquaWIT V filter integrity test systems

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 AquaWIT filter integrity test system meets 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. The preventive maintenance on an AquaWIT filter integrity test unit is inclusive of the Palltronic Flowstar filter integrity test instrument.

Tests and inspections

System inspection

Checks on gaskets for damage and contamination Palltronic Flowstar filter integrity test instrument

Functionality verification

Casters

Valves

Level sensors

Water intrusion test

Palltronic Flowstar filter integrity test instrument

Calibration

Temperature sensor

Pressure sensor

Pressure gauge

Palltronic Flowstar filter integrity test instrument



Fig 1. AquaWIT V filter integrity test system.

Parts replaced

Valve gaskets

Sanitary connection gaskets

Pneumatic module: including seals, O-rings, valve pallets, and inlet filter

External vent valve

Note: Parts replaced during preventive maintenance may vary from model to model. If your system is not covered by a Cytiva service agreement, any part replaced other than a wear part will incur additional charges.

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

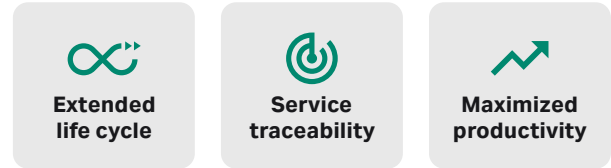
Service type	Frequency
Preventive maintenance	Once every three years or after 100 000 valve cycles or 500-1500 tests, post-warranty
Calibration	Once every year, post-warranty

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.
Calibration with measurement of uncertainty (option)	Ensures evidence equipment runs according to specifications.
Documentation	Signed PM record and service report after completion.

An integral part of our service plans

To maintain consistent system performance of your AquaWIT filter integrity test 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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