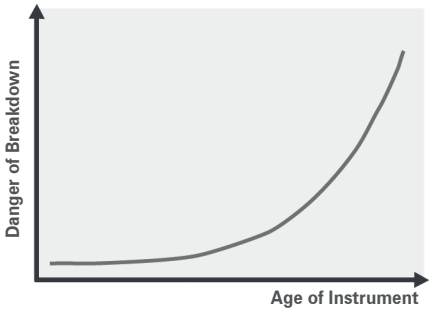
SPECTROGREEN
Performance Maintenance

The SPECTROGREEN delivers best-of-class ICP-OES performance. Customers value its outstanding reliability and analytical performance. However, preserving these qualities throughout its entire operating life isn't possible without proper maintenance.

That the breakdown risk for an analytical instrument increases with time is known, but only you can say what a breakdown will cost you. It could have wide-reaching consequences: On top of the costs to repair the instrument, the instrument being unavailable may mean that you have increased material costs, lower, or no, sample throughput, missed deadlines and, ultimately, you may face decreased revenues and profitability.



Experience shows that, without proper maintenance, the likelihood of a breakdown increases exponentially with the age of an instrument. Regular maintenance drastically decreases this risk and extends the life of the instrument.

Take advantage of the possibility to maintain SPECTROGREEN' out of the box performance, while reducing the risk of costly breakdowns, with regular performance maintenance inspections within the framework of SPECTRO's AMECARE Performance Services. Based on your needs and circumstances, an individual maintenance plan is created, reflecting your quality compliance requirements and risk management strategies.
The rest is automatic. Appointments for scheduled inspections are made and the work conducted; all required maintenance and preventative measures will be carried out by authorized, factory trained and certified, service engineers that are backed by a bestof- class worldwide factory support infrastructure. The correct working order of the instrument is documented with a certificate and a test seal affixed to the instrument. The lifetime of the instrument is extended and your quality compliance documented.

SPECTRO's Performance Maintenance is a guarantee for the long-term preservation of the value and performance of your SPECTROGREEN.

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- ISO-conforming maintenance to prevent avertable instrument breakdown
- Assurance of long-term analytical performance
- Factory approved testing seal visibly affixed to the instrument for ISO audit compliance
- Detailed inspection certificate with professional assessment of all important components

You also profit from the following additional services:

- Priority support and response times
- Discounts on replacement parts and service for the time between agreed upon inspections
- System backup and all necessary software updates

Ensuring peak performance and maximum return on investment over the life of your equipment.

We will deliver this by

- **Proactively maintaining your equipment to maximize availability**
- **Optimizing solutions to meet your unique applications.**
- **Enhancing user skills by providing access to product and application experts.**

A SPECTROGREEN Performance Maintenance inspection includes, but is not limited to, the following:

Initial Instrument Status Evaluation
A general examination of the instrument's components and functions.

General Maintenance
Cleaning of the primary optical components, data backup of the instrument software and measurement results, installation of any instrument software updates if required

Measurements
Main voltage, argon gas flows and voltage supply, optic temperature and pressure, analytical performance

Replacement of parts and components
Replacement of filters & seals. Primary optical components and UV-Plus purifier replaced as required.

Determination of the time for the next inspection

Available for
SPECTROGREEN FMX46

TÜVRheinland CERTIFIED
Management System
ISO 9001:2015
ISO 50001:2018
www.tuv.com
ID 0910080206

www.spectro.com

GERMANY
SPECTRO Analytical Instruments GmbH
Boschstrasse 10
D-47533 Kleve
Tel. +49.2821.892.0
spectro.sales@ametek.com

U.S.A.
SPECTRO Analytical Instruments Inc.
50 Fordham Rd
Wilmington 01887, MA
Tel. +1 800 548 5809
+1 201 642 3000
spectro-usa.sales@ametek.com

CHINA
AMETEK Commercial
Enterprise (Shanghai) CO., LTD.
Part A1, A4 2nd Floor Building No. 1 Plot Section
No. 526 Fute 3rd Road East; Pilot Free Trade Zone
200131 Shanghai
Tel. +86.400.022.7699
spectro-china.sales@ametek.com

Subsidiaries:
▶**FRANCE:** Tel. +33.1.3068.8970, spectro-france.sales@ametek.com ▶**GREAT BRITAIN:** Tel. +44.1162.462.950, spectro-uk.sales@ametek.com
▶**INDIA:** Tel. +91.22.6196.8200, sales.spectroindia@ametek.com ▶**ITALY:** Tel. +39.02.94693.1, spectro-italy.sales@ametek.com
▶**JAPAN:** Tel. +81.3.6809.2405, spectro-japan.info@ametek.co.jp ▶**SOUTH AFRICA:** Tel. +27.11.979.4241, spectro-za.sales@ametek.com
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