The SPECTROLAB S is one of the best selling stationary metal analyzers in the world. Customers value its outstanding reliability and analytical performance, covering the full range from process control (automation systems) to the analysis of special alloys and trace elements in high purity material. However, maintaining these qualities throughout its entire operating life doesn’t happen on it’s own.

The breakdown risk for an analytical instrument increases with its age. Only you know how much that breakdown will cost you. It could have wide-reaching consequences: On top of the costs to repair the instrument, the instrument being down may mean that you have increased material costs, you may have penalties for missed shipments and, ultimately, you may face decreased revenues and profitability.

Take advantage of the possibility to maintain the SPECTROLAB S 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 best-of-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 SPECTROLAB S.
SPECTROLAB S Performance Maintenance

A SPECTROLAB S 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 spark stand and filter system, filter regeneration, data backup of the instrument software and measurement results, installation of any instrument software updates if required.

Measurements
Main voltage, argon quality and pressure, monitor sample check, iCAL/standardization data before and after maintenance work, argon flow, voltage supply, optic temperature and pressure, analytical performance.

Replacement of parts and components
Obligatory replacement of filters, seals, electrodes, primary optical interface components; Elective replacement of secondary spark stand lenses, windows and UV-Plus purifier.

Determination of the time for the next inspection

Available for SPECTROLAB S