



QP1680

High-Temperature Laboratory Analyzer

The QP1680 High-Temperature Laboratory Analyzer requires annual maintenance to be performed by a factory-trained and certified service engineer. Let Hach Service experts do the work for you, so you can have peace of mind that your investment is protected and is delivering the accurate measurements you need.

Benefits of Service

- Maximizes instrument uptime and proper functioning of key components.
- Detects and prevents issues that can degrade performance or reduce instrument life.
- Ensures critical measurements are accurate and reliable.

Annual Average Maintenance Time: Up to 6 hours
Recommended Maintenance Frequency: 1x / year

Maintenance Tasks Performed

Routine:

- Inspect the injection needle; replace if worn or damaged.
- Inspect the halogen scrubber; replace if necessary.
- Inspect the IC vessel; replace if necessary.
- Replace the particle filter.
- Verify proper operation of the sampler compartment stirrer.

Advanced:

- Inspect and ensure proper performance of the furnace compartment, including tubing, ports, and waste leak detector; ensure all components are functioning properly.
- Verify proper power supply and operation of the sampler compartment.
- Inspect the detector compartment and confirm proper function of all components, including tubing, pumps, valves, syringe driver, NDIR detector, filters, and needles.
- Inspect the conditioning compartment, including the humidifier, IC vessel, tubing, scrubber, and filters; verify performance.
- Update Firmware to the latest available version.
- Perform validation of calibration and the system performance.

Parts Replaced During Maintenance

Part #	Description	Qty.	Frequency
SMPMK500000	Preventive Maintenance Kit, QP1680-TOC, Year One	1	24 Months
SMPMK500050	Preventive Maintenance Kit, QP1680-TOC, Year Two	1	24 Months

These parts and replacement labor are included with a Hach Service Plan at the recommended frequency. Coverage is available for on-site repairs.

For more information, visit: www.hach.com/service

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In the interest of improving and updating its equipment, Hach Company reserves the right to alter specifications to equipment at any time.

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