

G1312A

Leak Test

Passed

DE14910137
A.07.01[001]
BinPump

The leak test is a built-in troubleshooting test designed to demonstrate the leak-tightness of the pump. The test should be used when problems with the pump are suspected.

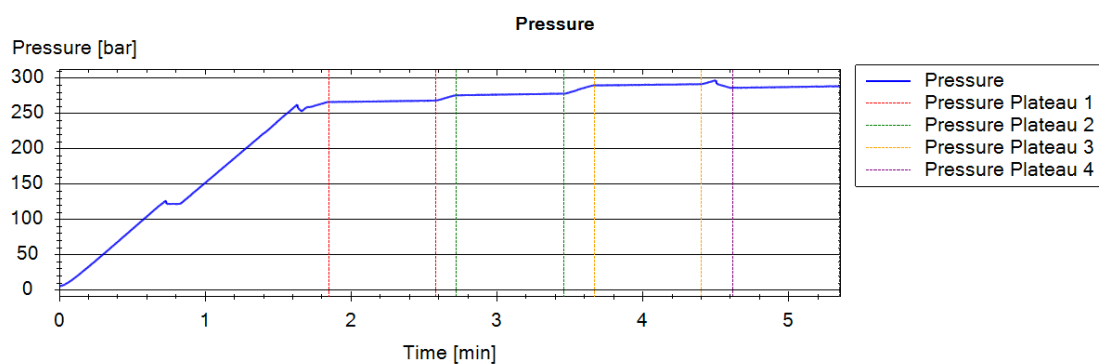
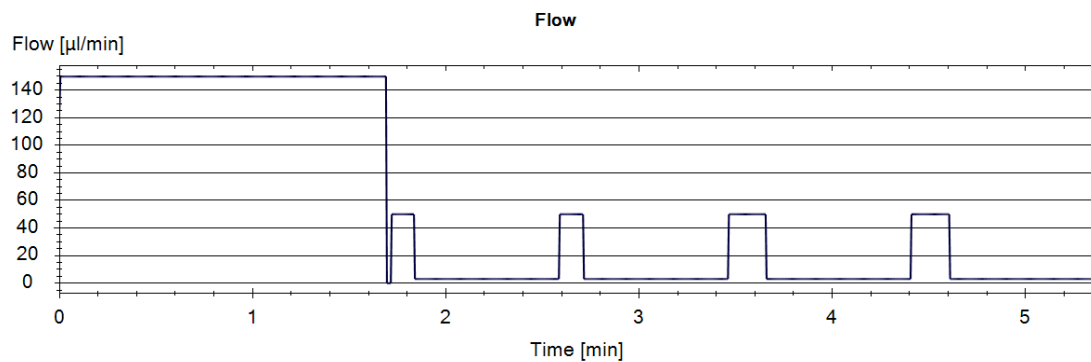
Started at 27/07/2026 14:31:15 by LENOVO-BOB\bobce on LENOVO-BOB using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Pressure for the first plateau	266,55 bar	
<i>Minimum pressure for the first plateau</i>	240,0 bar	Passed
Slope of the first plateau	2,85 bar/min	
<i>Minimum slope of the first plateau</i>	0,00 bar/min	Passed
Pressure for the second plateau	276,15 bar	
<i>Minimum pressure for the second plateau</i>	250,0 bar	Passed
Slope of the second plateau	3,20 bar/min	
<i>Minimum slope of the second plateau</i>	0,00 bar/min	Passed
Pressure for the third plateau	290,10 bar	
<i>Minimum pressure for the third plateau</i>	260,0 bar	Passed
Slope of the third plateau	2,46 bar/min	
<i>Minimum slope of the third plateau</i>	0,00 bar/min	Passed
Pressure for the fourth plateau	286,69 bar	
<i>Minimum pressure for the fourth plateau</i>	270,0 bar	Passed
Slope of the fourth plateau	3,10 bar/min	
<i>Minimum slope of the fourth plateau</i>	0,00 bar/min	Passed

Finished at 27/07/2026 14:44:12

Signals



Signature:

G1312A

Pressure Test

Passed

DE14910137
A.07.01[001]
BinPump

The pressure test is a quick, built-in test designed to demonstrate the pressure-tightness of the system. The test should be used when problems with small leaks are suspected, or after maintenance of flow-path components (e.g. pump seals, injection seal) to prove pressure tightness up to 400 bar.

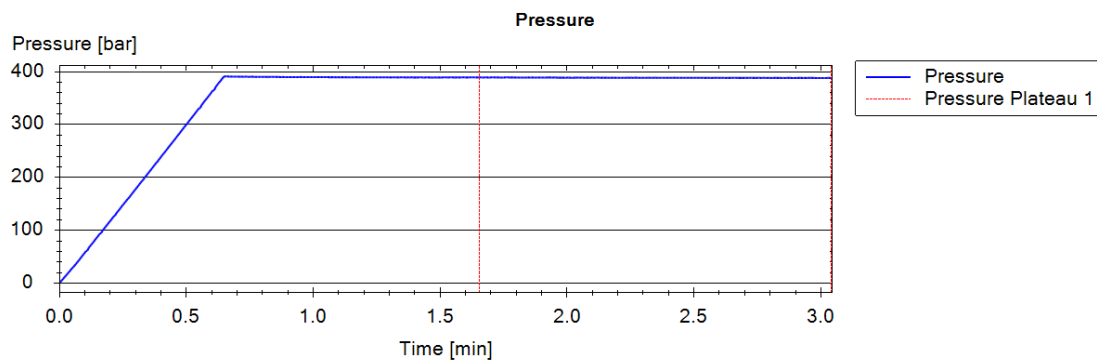
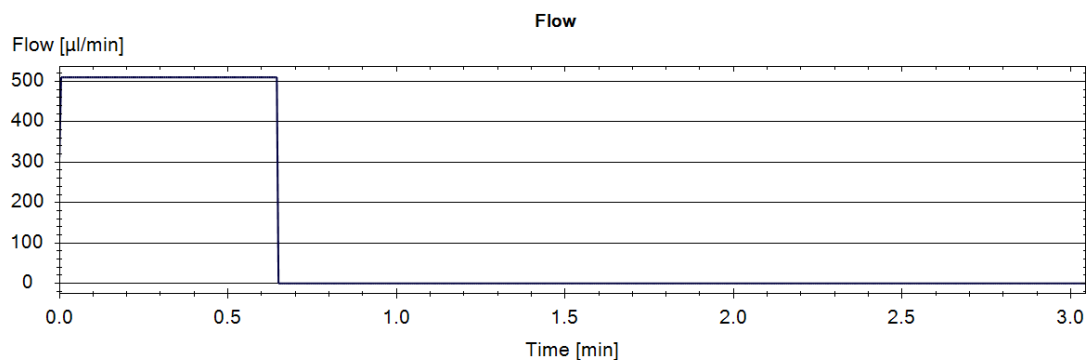
Started at 27/07/2026 14:05:22 by LENOVO-BOB\bobce on LENOVO-BOB using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Slope of initial pressure ramp	606,31 bar/min	
Minimum slope of initial pressure ramp	300,0 bar/min	Passed
Pressure Value	389,25 bar	
Minimum pressure	385,0 bar	Passed
Final pressure drop with flow 0	-0,75 bar/min	
Maximum final pressure drop	-2,00 bar/min	Passed

Finished at 27/07/2026 14:08:42

Signals



Signature:

G1312A

Pressure Test

Passed

DE14910137
A.07.01[001]
BinPump

The pressure test is a quick, built-in test designed to demonstrate the pressure-tightness of the system. The test should be used when problems with small leaks are suspected, or after maintenance of flow-path components (e.g. pump seals, injection seal) to prove pressure tightness up to 400 bar.

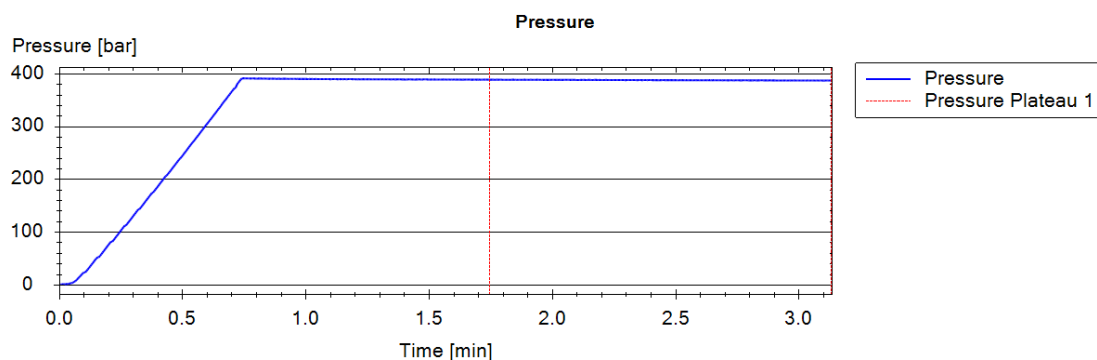
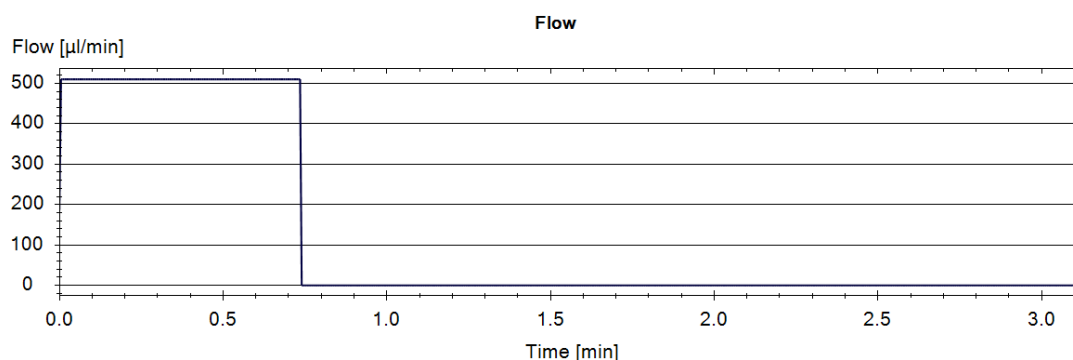
Started at 27/07/2026 15:03:59 by LENOVO-BOB\bobce on LENOVO-BOB using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Slope of initial pressure ramp	560,45 bar/min	
Minimum slope of initial pressure ramp	300,0 bar/min	Passed
Pressure Value	389,07 bar	
Minimum pressure	385,0 bar	Passed
Final pressure drop with flow 0	-1,16 bar/min	
Maximum final pressure drop	-2,00 bar/min	Passed

Finished at 27/07/2026 15:07:41

Signals



Signature:

G1316A

Thermostat Test

Passed

DE43648183
A.07.02[001]
TCC

Evaluates the cooling and heating performance of the two peltier elements.

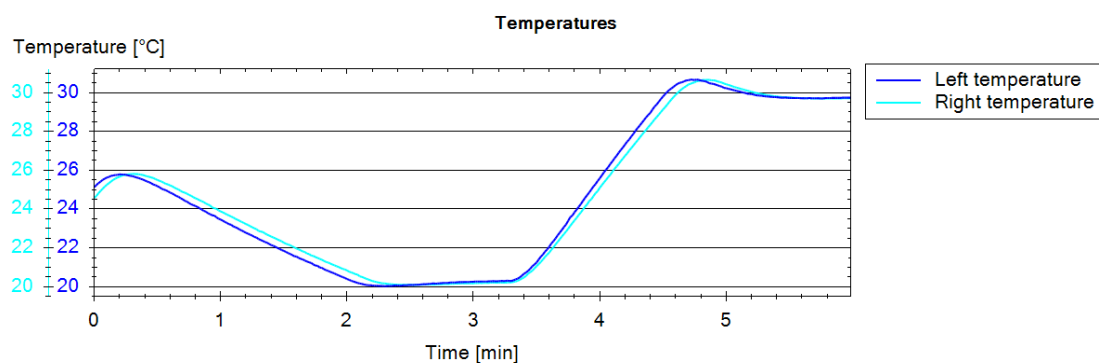
Started at 27/07/2026 12:46:47 by LENOVO-BOB\bobce on LENOVO-BOB using Agilent
Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Cool rate of right heat exchanger	3,2 °C/min	
<i>Minimum cooling rate</i>	2,0 °C/min	Passed
Heat rate of right heat exchanger	8,2 °C/min	
<i>Minimum heating rate</i>	3,0 °C/min	Passed
Cool rate of left heat exchanger	3,3 °C/min	
<i>Minimum cooling rate</i>	2,0 °C/min	Passed
Heat rate of left heat exchanger	8,6 °C/min	
<i>Minimum heating rate</i>	3,0 °C/min	Passed

Finished at 27/07/2026 12:53:31

Signals



Signature:

G1314A

Intensity Test

Passed

JP92113144
A.07.02[001]
VWD

The test scans the Intensity spectrum generated by the UV Lamp. Note: Optical components in a UV detector will, depending on age and usage, show degradation, which is caused by the powerful UV light. This is a normal process. Degraded optical components, such as lenses, windows etc. cannot be cleaned and need to be replaced. Replacing the UV lamp will very likely improve the intensity, but when optical degradation takes place, this might not always rectify the situation. At some point, also internal components, such as mirrors, gratings or the diode array need to be replaced. Usually this means replacing the optical unit, as these components are not considered to be service parts.

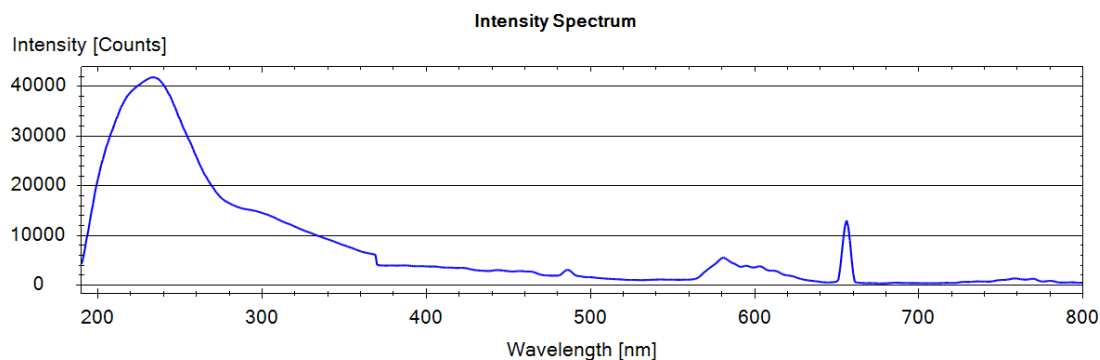
Started at 27/07/2026 13:30:25 by LENOVO-BOB\bobce on LENOVO-BOB using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Accumulated UV Lamp On-Time	1682,54 h	Done
UV Lamp On-Time	0,18 h	Done
Lowest Intensity	373 counts	
<i>Lowest Intensity Limit</i>	<i>200 counts</i>	Passed
Average Intensity	7420 counts	
<i>Average Intensity Limit</i>	<i>5000 counts</i>	Passed
Highest Intensity	41856 counts	
<i>Highest Intensity Limit</i>	<i>10000 counts</i>	Passed

Finished at 27/07/2026 13:30:53

Signals



Signature:

G1314A**Filter/Grating Motor Test****Passed**JP92113144
A.07.02[001]
VWD

The test checks the operation of the filter and grating motor assemblies.

Started at 27/07/2026 13:41:52 by LENOVO-BOB\bobce on LENOVO-BOB
using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced
Finished at 27/07/2026 13:41:57

Signature:

G1314A

Holmium Oxide Test

Passed

JP92113144
A.07.02[001]
VWD

The test measures the Holmium spectrum from the built-in Holmium filter. The spectrum is evaluated for peaks at different wavelengths.

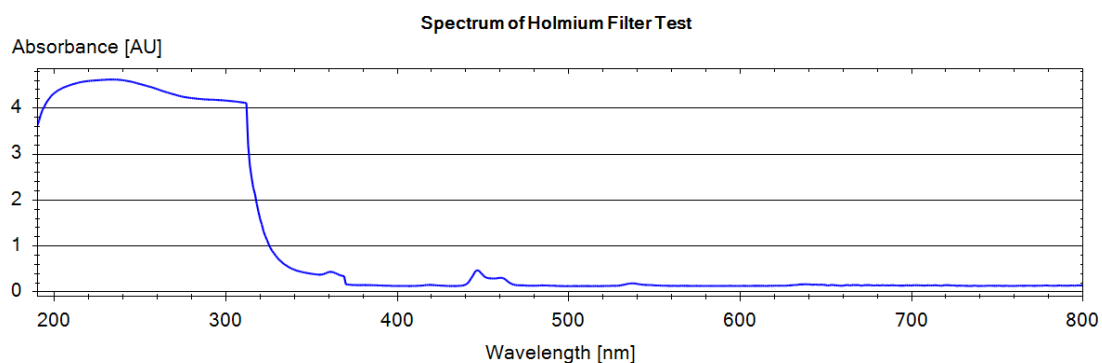
Started at 27/07/2026 13:37:46 by LENOVO-BOB\bobce on LENOVO-BOB using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Accumulated UV Lamp On-Time	1682,66 h	Done
UV Lamp On-Time	0,30 h	Done
Holmium Deviation to 360.8 nm	0,10 nm	
<i>Holmium Deviation Limit</i>	<i>-1,00 ... 1,00 nm</i>	Passed
Holmium Deviation to 418.5 nm	0,10 nm	
<i>Holmium Deviation Limit</i>	<i>-1,00 ... 1,00 nm</i>	Passed
Holmium Deviation to 536.4 nm	0,00 nm	
<i>Holmium Deviation Limit</i>	<i>-1,00 ... 1,00 nm</i>	Passed

Finished at 27/07/2026 13:40:29

Signals



Signature:

G1314A

Cell Test

Done

JP92113144
A.07.02[001]
VWD

Calculate the ratio of the sample signal and the reference signal, measured in the zero order of the grating.

Started at 27/07/2026 13:42:27 by LENOVO-BOB\bobce on LENOVO-BOB using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced*Results*

Item	Value	Result
Accumulated UV Lamp On-Time	1682,74 h	Done
UV Lamp On-Time	0,38 h	Done
Intensity Sample	7,580 counts	Done
Intensity Reference	7,209 counts	Done
Intensity Ratio	1,05	Done

Finished at 27/07/2026 13:42:33

Signature:

G1314A

ASTM Drift and Noise Test

Passed

JP92113144
A.07.02[001]
VWD

The test performs ASTM drift and noise evaluation.

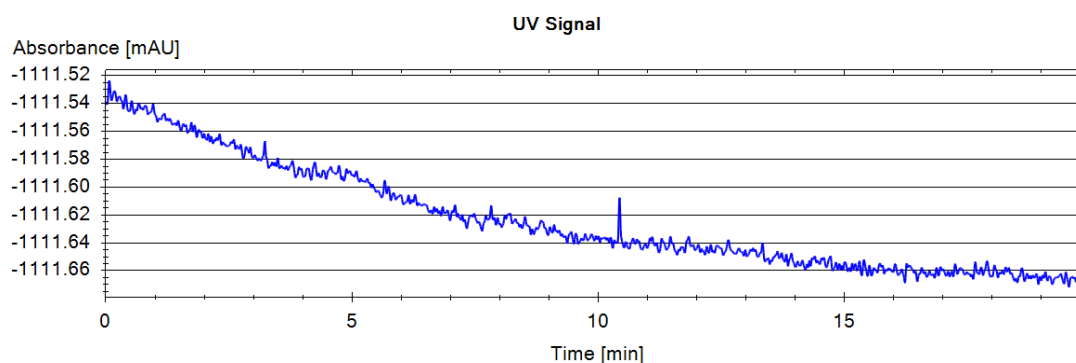
Started at 27/07/2026 15:16:24 by LENOVO-BOB\bobce on LENOVO-BOB using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Accumulated UV Lamp On-Time	1684,30 h	Done
UV Lamp On-Time	1,94 h	
<i>Minimum Lamp On-Time</i>	1,00 h	Passed
Signal Drift value at 254 nm (UV)	-0,390 mAU/h	
<i>Maximum Allowed Drift</i>	-1,000 ... 1,000 mAU/h	Passed
Signal Noise value at 254 nm (UV)	0,015 mAU	
<i>Maximum Allowed Noise</i>	0,000 ... 0,020 mAU	Passed

Finished at 27/07/2026 15:36:56

Signals



Signature: