

## Essential Instrument Supplies

# Top Supplies for Agilent Infinity II LC Purification System

Agilent technical experts have compiled a list of recommended supplies that you should consider using with your new instrument in order to keep your lab operational without any disruptions and to achieve optimal performance.

### InfinityLab Stay Safe caps

Stop solvents from leaching into the air, maintaining mobile phase consistency over time.



### InfinityLab venting valve

- Includes six-month time strip indicating when the valve needs to be replaced
- The valve allows air to flow into the bottle to compensate for the pressure during solvent removal and prevents harmful vapors from escaping the solvent bottle



### InfinityLab long-life HiS deuterium lamp



### Solvent bottle inlet filter

Needs to be replaced regularly, removes big particles that could cause blockage of flow path or inaccurate flow rate.



### InfinityLab charcoal filter (58 g)

- Absorbs the harmful solvent vapors coming from the waste container

### Leak hose

- Connects system leak tubing



### Time strip

- Indicates when the valve needs to be replaced

### InfinityLab fittings

- Enable vapor-tight tubing connections

### InfinityLab Stay Safe cap

- Stops solvents from leaching into the air

Part Number	Description	Recommended Quantity	Reason to Use	Part Family
5043-1333	InfinityLab Stay Safe Cap GL45, 1 Port for Preparative LC. Includes 1 Fitting (4.7 mm) and 1 Venting Valve (5043-1190)	2	For stopping solvent vapor from solvent bottles leaching into the air. The GL45 thread fits to the Agilent solvent bottles  (Top Recommendation)	Solvent and Sample Containers 
5043-1334	InfinityLab Stay Safe Cap GL45, 2 Ports for Preparative LC. Includes 2 Fittings (4.7 mm) and 1 Venting Valve (5043-1190)	2	For stopping solvent vapor from solvent bottles leaching into the air. The GL45 thread fits to the Agilent solvent bottles	Solvent and Sample Containers 
5043-1192	InfinityLab Thread Adapter, GL45(M) to GPI 38(F), PTFE. For InfinityLab Stay Safe Cap	2	Adapter to fit the InfinityLab Stay Safe cap to 4L solvent bottles with GPI 38 thread	Solvent and Sample Containers 
5043-1338	InfinityLab Stay Safe Cap/Waste Can kit, Including InfinityLab Stay Safe Cap S60 Thread, 4 Ports, (5043-1336) and 10 L Waste Can (5043-1337)	1	For safely collecting your system waste and prevent solvent vapor from leaching into the air, requires charcoal filter (5043-1193)  (Top Recommendation)	Solvent and Sample Containers 
5043-1193	InfinityLab Charcoal Filter with Time Strip	1	Charcoal filter for absorbing the volatile compounds from Stay Safe caps waste solution, with time strip to remind the user to replace it regularly  (Top Recommendation)	Solvent and Sample Containers 
5023-3115	Solvent Bottle Inlet Filter, Preparative, 20 µm, SST, 2/pk. For 3/16' OD Tubing (4.7 mm)	1	For preventing big particles from entering the flow path that could lead to blockage and inaccurate flow rate, regular replacement needed  (Top Recommendation)	LC Filtration 
5190-8223	Delay and Checkout Calibrant, for Agilent Purification Systems. Two Ampoules of 5 mL, Patent Blue VF Sodium Salt, Sunset Yellow FCF, Sudan Orange G, Dissolved in DMSO, 2 mg/mL	1	Standard for system calibration and checkout	Chemical Standards 
2140-0820	InfinityLab long-life deuterium lamp, with RFID Tag, for Diode Array and Multiple Wavelength Detectors (G7115A/G7165A)	1	Spare lamp for G7115A/G7165A to avoid system downtime if lamp is at the end of its life time	LC Lamps 
G1314-60101	InfinityLab long-life Hg deuterium lamp, with RFID Tag, for Variable Wavelength Detectors (G7114A/B)	1	Spare lamp for G7114A/B to avoid system downtime if lamp is at the end of its life time	LC Lamps 

Part Number	Description	Recommended Quantity	Reason to Use	Part Family	
G7161-68740	Preventive Maintenance Kit for 1290 Infinity II Preparative Binary Pump (G7161B), with 200 mL/min Pump Heads	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	PM Kit	The kit contains 1x peristaltic pump with PharMed tubing (5065-4445), 4x piston seals (5067-6589), 4x seal wash seals (5067-6588), 2x stainless steel filter assembly 2 µm pore size (5022-2192) and 2x solvent inlet filters 20 µm (5023-3115)
G7161-68730	Preventive Maintenance Kit for 1260 Infinity II/1290 Infinity II Preparative Binary Pump (G7161A/B), with 50 mL/min Pump Heads	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	PM Kit	The kit contains 1x peristaltic pump with PharMed tubing (5065-4445), 4x piston seals (5067-4299), 4x seal wash seals (5067-6587), 2x stainless steel filter assembly 2 µm pore size (5022-2192) and 2x solvent inlet filters 20 µm (5023-3115)
G7157-68730	Preventive Maintenance Kit for 1260 Infinity II Preparative Autosampler (G7157A)	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	PM Kit	The kit contains 1x needle assembly (G7157-87201), 1x needle seat (G7157-87101), 1x rotor seal (5068-0268), 1x peristaltic pump with PharMed tubing (5065-4445) and finger caps 15/pk (5063-6506)
5068-0319	Rebuild kit, for 1260 Infinity II Preparative Manual Injector (G1328D)	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	PM Kit	The kit contains stator face seal, rotor seal, needle guide, needle guide, needle port cleaner, hex wrench (2x)

\* PM: Preventive Maintenance

For more details on supplies for Infinity II LC purification systems, please refer to the Quick Reference Guide: [5994-2810EN](#)

[www.agilent.com/chem/infinitylab-lc-purification](http://www.agilent.com/chem/infinitylab-lc-purification)

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