

# 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

## Solvent bottle inlet filter

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



### InfinityLab long-life HiS deuterium lamp



## InfinityLab waste can and Stay Safe cap

Stops solvent waste from leaching into the air

### 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<br> (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)<br> (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<br> (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<br> (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 HiS 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 |   |
|-----------------------------|--|----------------------|--|-------------|---|
| <a href="#">G7161-68740</a> | 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 ( <a href="#">5065-4445</a> ), 4x piston seals ( <a href="#">5067-6589</a> ), 4x seal wash seals ( <a href="#">5067-6588</a> ), 2x stainless steel filter assembly 2 µm pore size ( <a href="#">5022-2192</a> ) and 2x solvent inlet filters 20 µm ( <a href="#">5023-3115</a> ) |
| <a href="#">G7161-68730</a> | 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 ( <a href="#">5065-4445</a> ), 4x piston seals ( <a href="#">5067-4299</a> ), 4x seal wash seals ( <a href="#">5067-6587</a> ), 2x stainless steel filter assembly 2 µm pore size ( <a href="#">5022-2192</a> ) and 2x solvent inlet filters 20 µm ( <a href="#">5023-3115</a> ) |
| <a href="#">G7157-68730</a> | 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 ( <a href="#">G7157-87201</a> ), 1x needle seat ( <a href="#">G7157-87101</a> ), 1x rotor seal ( <a href="#">5068-0268</a> ), 1x peristaltic pump with PharMed tubing ( <a href="#">5065-4445</a> ) and finger caps 15/pk ( <a href="#">5063-6506</a> )   |
| <a href="#">5068-0319</a>   | 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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