

Essential Instrument Supplies

Top Supplies to Optimize Your LC Workflow

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 Quick Connect Fitting

- Perfect column connections for HPLC and UHPLC systems
- Truly finger-tight connection
- Reliable and reusable fittings—long lasting and reseal tightly, and are stable up to 1300 bar
- Spring-loaded design to ensure zero-dead-volume

[Fingertight Fittings, High-Pressure LC and UHPLC Fittings](#)

InfinityLab Purging Bottle and Stay Safe caps starter Kit

- Reduces harmful solvent vapors from leaching into the air
- Prevents suction of air in LC lines
- Simplifies ease-of-use and ease-of-handling

[HPLC Safety Caps – HPLC Bottle and Waste Container Caps](#)

InfinityLab Flex Bench and Benchtop

- Move your instruments where you need them, when you need them
- Enables space optimization in your lab
- The easy way to configure your LC system, change modules, perform maintenance with your existing bench setup

[HPLC Bench – HPLC Table – HPLC Cart](#)

InfinityLab Quick Change Inline Filter

- Prevents column clogging and column damage caused by particles
- Lowers operational costs with a robust filter housing
- Enables ease-of-use with finger-tight, tool-free replacement of filter disc

[Quick Change HPLC Inline Filters and Filter Discs](#)

InfinityLab Gradient Grade HPLC Solvents

Agilent InfinityLab gradient grade solvents for HPLC are expertly formulated for analytical UHPLC applications and shield against common contaminants—ensuring optimal performance and minimizing the risk of expensive downtime and repairs.



[HPLC Solvents, Chromatography Solvents, HPLC Gradient Grade](#)

InfinityLab Quick Change Solvent Purifier

An LC solvent purifier, or HPLC solvent cleaner, is a solvent cleaning cartridge designed to reduce the problems caused by HPLC solvent impurity and eliminate ghost peaks.

The Agilent InfinityLab Quick Change Solvent Purifier removes chemical solvent impurities from mobile phases by trapping interfering mobile phase contaminants, which could cause unwanted ghost peaks during HPLC-UV gradient runs.



[HPLC Solvent Cleaner – LC Solvent Purifier](#)

General LC workflow supplies recommendations for Agilent InfinityLab 1220/1260/1290 series of HPLC instruments

Part Number	Description	Recommended Quantity	Reason to Use	Part Family
5067-1603	InfinityLab Quick Change inline filter assembly for UHPLC, with 2.1 mm id, 0.2 µm filter discs	1	Extend column lifetime, easy-to-use with finger-tight replacement, touchless packaging for easy replacement  (Top Recommendation)	Inline Filters
5067-1602	InfinityLab Quick Change inline filter assembly for HPLC, with 4.6 mm id, 0.5 µm filter discs	1	Extend column lifetime, easy-to-use with finger-tight replacement, touchless packaging for easy replacement  (Top Recommendation)	Inline Filters
5067-1607	InfinityLab Quick Change inline filter assembly for UHPLC with Quick Turn and rigid capillary, 2.1 mm, 0.2 µm filter discs	1	Extend column lifetime, easy-to-use with high-pressure, finger-tight replacement, ensures zero-dead-volume connection , touchless packaging for easy replacement  (Top Recommendation)	Inline Filters
5067-1606	InfinityLab Quick Change inline filter assembly for HPLC with Quick Turn and rigid capillary, 4.6 mm, 0.5 µm filter discs	1	Extend column lifetime, easy-to-use with high-pressure, finger-tight replacement, ensures zero-dead-volume connection, touchless packaging for easy replacement  (Top Recommendation)	Inline Filters
5067-1621	InfinityLab Quick Change Solvent Purifier assembly, 3.0 x 75 mm	1	Removes chemical solvent impurities from mobile phases (other dimensions available)	Solvent Purifier
5067-5958	InfinityLab Quick Connect fitting assembly including stainless steel capillary 0.12x150 mm, for 1290 Systems	1	For finger-tight connection onto column inlet, pressure stability up to 1300 bar, spring-loaded design to ensure zero-dead-volume  (Top Recommendation)	LC Capillaries and Fittings
5067-6167	InfinityLab Quick Connect fitting assembly including stainless steel capillary 0.17x150 mm, for 1260 Systems	1	For finger-tight connection onto column inlet, pressure stability up to 1300 bar, spring-loaded design to ensure zero-dead-volume  (Top Recommendation)	LC Capillaries and Fittings
5067-5966	InfinityLab Quick Turn fitting	2	For connections on column outlet and detector, finger-tight up to 600 bar, spring-loaded design to ensure zero-dead-volume	LC Capillaries and Fittings
5500-1191	InfinityLab Quick Turn Capillary ST 0.12x280 mm	1	For connection between column outlet and detector, used with Quick Turn fitting (5067-5966)	LC Capillaries and Fittings
5043-0915	Mounting tool for InfinityLab Quick Turn fitting	1	Plastic tool to tighten Quick Turn fitting for high pressure up to 800 bar	LC Capillaries and Fittings
5043-1222	InfinityLab Stay Safe Cap Kit including 4 caps, 4 venting valves, and 4 fittings	1	For stopping solvent vapor from solvent bottles leaching into the air. The GL45 thread allows to fix the Stay Safe caps to the Agilent solvent bottles  (Top Recommendation)	Solvent and Sample Containers
5043-1338	InfinityLab Stay Safe Cap/Waste Can Kit, Stay Safe Cap S60 with 4 ports plus 10 L waste can	1	For safely collecting your system waste and prevent solvent vapor from leaching into the air, requires charcoal filter (5043-1193)	Solvent and Sample Containers
5043-1221	InfinityLab Stay Safe Cap/Waste Can Kit, Stay Safe Cap with 4 ports and Leak Hose Plus 6 L Waste Can	1	For safely collecting your system waste and prevent solvent vapor from leaching into the air, requires charcoal filter (5043-1193)	Solvent and Sample Containers
5043-1193	InfinityLab Charcoal Filter with Time Strip	2	Charcoal filter for absorbing the volatile compounds from Stay Safe Caps waste solution, with time strip to remind the user to replace it regularly	Solvent and Sample Containers
5043-1339	InfinityLab Stay Safe Purging Bottle	1	For easy and secure purging of up to four solvent channels, prevent solvent vapor from leaching into the air  (Top Recommendation)	Solvent and Sample Containers
9301-6526	InfinityLab Solvent Bottle, GL45, Amber, 1 L	1	Amber glass bottle to mitigate photodegradation of sensitive solvents or buffers	Solvent and Sample Containers
9301-6528	InfinityLab Solvent Bottle, GL45, Clear, 1 L	1	1 L clear glass bottle	Solvent and Sample Containers
9301-6342	InfinityLab Solvent Bottle, GL45, Clear, 2 L	1	2 L clear glass bottle	Solvent and Sample Containers
9301-6341	InfinityLab Solvent Bottle, GL45, Amber, 2 L	1	2 L amber glass bottle	Solvent and Sample Containers
9301-6529	InfinityLab Identification Silicone Rings, 8/pk	1	Color identification for solvent bottles	Solvent and Sample Containers
9301-6530	Stickers, for InfinityLab solvent bottles, 100/pk	1	Removable stickers for easy label removal without any residue	
5043-9310	InfinityLab Well-plate 96/0.5 mL, 30/pk	1	In combination with the closing mat the plates have been tested on all Agilent autosamplers	Well-plate

Part Number	Description	Recommended Quantity	Reason to Use	Product Family
5042-1389	InfinityLab Well-plate Closing Mat, 50/pk	1	In combination with the plates the closing mat have been tested on all Agilent autosamplers	Well-plate
5191-6776	InfinityLab Solvent Filtration Assembly, Including Glass Funnel, 250 mL, Membrane Holder Glass Base, Glass Flask, 1 L, and Aluminum Clamp	1	For preparing suitable mobile phases for HPLC and UHPLC. It can prevent small impurities in the solvent from clogging the system filter or LC column, causing excessive pressure, especially recommended for buffers	LC Filtration
5191-4340	InfinityLab Filter Membrane, Regenerated Cellulose 47 mm, Pore Size 0.2 µm, 100/pk	1	Most common membrane filters for 5191-6776	LC Filtration
01018-60025	Stainless Steel Solvent Inlet Filter, 10 µm	4	Smaller pore size than standard glass filter, recommended for buffers and LC/MS	LC Filtration
5043-1759*	InfinityLab Flex Bench	1	For highest flexibility in the setup of Agilent LC instruments and to easily move the system everywhere in the lab 	LC Bench
5043-1252**			(Top Recommendation)	
5043-1740*	InfinityLab Benchtop	1	For existing lab benches, improve flexibility in setup of Agilent LC instruments 	LC Bench
5043-1711**			(Top Recommendation)	
G6015B*	InfinityLab Flex Bench MS	1	Allows you to keep your Agilent InfinityLab LC/MSD or Ultivo LC/MS systems in one stack with easy access to all areas	LC Bench
G6015A**				

* with power strip, available except in Asia Pacific

** without power strip, for Asia Pacific

1290 Infinity II & III LC workflow supplies recommendations



InfinityLab Long-life HiS Deuterium Lamp



1290 Infinity III LC Workflow

Part Number	Description	Recommended Quantity	Reason to Use	Product Family
5190-0917	InfinityLab Long-life HiS Deuterium Lamp, with RFID Tag, for Diode Array Detector (G7117A/B/C)	1	Spare lamp for detector to avoid system downtimes if lamp is at the end of its life	LC Lamps
G1314-60101	InfinityLab Long-life HiS Deuterium Lamp, with RFID Tag, for Variable Wavelength Detectors (G7114A/B)	1	Spare lamp for detector to avoid system downtimes if lamp is at the end of its life	LC Lamps
G7120-68741	InfinityLab Preventive Maintenance Kit for High Speed Pump (G7120A)	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 4 pump seals (0905-1719), 2 sets of seal cap assembly (5067-4728), peristaltic pump (5065-4445), PTFE frits 5/pk (01018-22707), 2 gold seals for outlet valve (G4220-20020) and 4 seal washes (0905-1175)	
G7104-68741	InfinityLab Preventive Maintenance Kit for Flexible Pump (G7104A)	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 2 pump seals (0905-1719), frit assembly (5067-5716), peristaltic pump (5065-4445), frits for 1290 inline filters 5/pk (5023-0271), gold seal for outlet valve (G4220-20020) and 2 seal wash (0905-1175)	

Part Number	Description	Recommended Quantity	Reason to Use	Part List for Kit	Product Family
G7167-68710	InfinityLab Preventive Maintenance Kit for Multisampler (G7167B), Standard Configuration	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	The kit contains needle assembly (G4267-87201), needle seat (G4267-87012) and injection valve rotor seal (5068-0198)	PM Kit
G7167-68720	InfinityLab Preventive Maintenance Kit for Multisampler (G7167B), Dual Needle Configuration	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	The kit contains needle assembly (G4267-87201), 2 needle seats (G4267-87012), rotor seal valve DN (5068-0232) and rotor seal peripheral valve (5068-0229)	PM Kit
5067-6616	1290 Infinity II & III Convenience Kit	1	Perfect starter kit for the 1290 Infinity II & III system, providing a carefully selected portfolio of InfinityLab supplies for efficient ramp up usage of new InfinityLab LC instruments	The kit contains solvent bottles (3 clear (9301-6524) and 1 amber (9301-6526)), 1 pack of silicone identification rings (2 each in 4 different colors) for solvent bottles (9301-6529), 1 pack of 100 removable stickers for solvent bottles (9301-6530), Stay Safe Caps Starter Kit (5043-1222), 4 packs of 100 certified vials clear (5182-0715), 1 pack of 100 certified vials amber (5182-0716), 5 packs of 100 bonded, pre-slit caps (5190-7023), 4 stainless steel solvent inlet filters (01018-60025), 1 InfinityLab Quick Change in-line filter assembly (5067-1603), 2 packs of 5 PTFE frits (01018-22707), 1 pack of 2 column holder clamps (G7116-68004), 1 pack of 2 column holder lamella clips (G7116-68003) and complete contents of 1290 Infinity II & III capillary kit (5067-6615)	Starter Kit
5067-6615	1290 Infinity II & III Capillary Kit	1	Contain complete set of capillaries for system connections and performing system diagnostic tests, and Quick Connect and Quick Turn fittings for superior reliability and ease of use	The kit contains 1x spare set of system capillaries (0.17x300 mm (5067-6129), 0.17x900 mm (5500-1217), 0.12x500 mm (5500-1157), PTFE tubing 0.7x500 mm (5062-2462), PEEK fittings 10/pk (5065-4426)), 1x Quick Connect Assembly (5067-5957) and 2x Quick Turn fittings (5067-5966) including capillaries (0.12x120 mm (5500-1249), 0.12x280 mm (5500-1191)), blank nut (5067-6127), restriction capillary 0.12x200 mm (5022-2159), and union (5022-2184)	Starter Kit
G7116-60051	InfinityLab Quick Connect Heat Exchanger, High Flow (0.12 mm id, 3.0 μ L Volume)	1	For high flow rate above ca. 2.5 mL/min		Connection Supplies
5067-5963	InfinityLab Quick Connect Heat Exchanger, Low Dispersion Kit (0.075 mm id, 1.1 μ L Volume, with Connecting Capillaries)	1	Reduce sample dispersion to improve sensitivity		Connection Supplies

* PM: Preventive Maintenance

1260 Infinity II & III Prime LC workflow supplies recommendations



InfinityLab Long-life HiS Deuterium Lamp



1260 Infinity III Prime LC Workflow

Part Number	Description	Recommended Quantity	Reason to Use	Part List for Kit	Product Family
5190-0917	InfinityLab Long-life HiS Deuterium Lamp, with RFID Tag, for Diode Array Detector (G7117A/B/C)	1	Spare lamp for detector to avoid system downtimes if lamp is at the end of its life		LC Lamps
G1314-60101	InfinityLab Long-life HiS Deuterium Lamp, with RFID Tag, for Variable Wavelength Detectors (G7114A/B)	1	Spare lamp for detector to avoid system downtimes if lamp is at the end of its life		LC Lamps
G7104-68741	InfinityLab Preventive Maintenance Kit for Flexible Pump (G7104A)	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	The kit contains 2 pump seals (0905-1719), 2 seal wash seals (0905-1175), frit for outlet filter (5067-5417), peristaltic pump (5065-4445), frits for inline filter 5/pk (5023-0271), and gold seal for outlet valve (G4220-20020)	PM Kit
G7129-68740	InfinityLab Preventive Maintenance Kit Vialsampler (G7129C)	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	The kit contains needle (G7129-87200), needle seat (G7129-87017), peristaltic pump (5065-4445), rotor seal (0101-1416) and finger caps 15/pk (5063-6506)	PM Kit
G7167-68730	InfinityLab Preventive Maintenance Kit Multisampler (G7167A)	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	The kit contains needle (G4267-87201), needle seat (G4267-87012) and rotor seal (5068-0209)	PM Kit

1260 Infinity II & III LC workflow supplies recommendations



1260 Infinity III LC Workflow

Part Number	Description	Recommended Quantity	Reason to Use	Part List for Kit	Product Family
2140-0820	InfinityLab Long-life Deuterium Lamp, with RFID Tag, for Diode Array and Multiple Wavelength Detectors (G7115A/G7165A)	1	Spare lamp for detector to avoid system downtimes if lamp is at the end of its life		LC Lamps
G1314-60101	InfinityLab Long-life HIS Deuterium Lamp, with RFID Tag, for Variable Wavelength Detectors (G7114A/B)	1	Spare lamp for detector to avoid system downtimes if lamp is at the end of its life		LC Lamps
5067-6617	1260 Infinity II & III Convenience Kit	1	Perfect starter kit for the 1260 Infinity II & III system, providing a carefully selected portfolio of InfinityLab supplies for efficient ramp up usage of new InfinityLab LC instruments	The kit contains solvent bottles (3 clear (9301-6524) and 1 amber (9301-6526)), 1 pack of silicone identification rings (2 each in 4 different colors) for solvent bottles (9301-6529), 1 pack of 100 removable stickers for solvent bottles (9301-6530), Stay Safe Caps Starter Kit (5043-1222), 4 packs of 100 certified vials clear (5182-0715), 1 pack of 100 certified vials amber (5182-0716), 5 packs of 100 bonded, pre-slit caps (5190-7023), 4 stainless steel solvent inlet filters (01018-60025), 1 InfinityLab Quick Change in-line filter assembly (5067-1603), 2 packs of 5 PTFE frits (01018-22707), 1 pack of 2 column holder clamps (G7116-68004), 1 pack of 2 column holder lamella clips (G7116-68003) and complete contents of 1260 Infinity II & III capillary kit (5067-6614)	Starter Kit
5067-6614	1260 Infinity II & III Capillary Kit	1	Contain complete set of capillaries for system connections and performing system diagnostic tests, and Quick Connect and Quick Turn fittings for superior reliability and ease of use	The kit contains 1x spare set of system capillaries (0.17x500 mm (5500-1246), 0.17x900 mm (5500-1217), 0.12x500 mm (5500-1157), PTFE tubing 0.7x500 mm (5062-2462), PEEK fittings 10/pk (5065-4426)), 1x Quick Connect Assembly (5500-1181) and 2x Quick Turn fittings (5067-5966) including capillaries (0.17x120 mm (5500-1250), 0.12x280 mm (5500-1191)), blank nut (5043-0277), restriction capillary 0.12x200 mm (5022-2159), and union (5022-2184)	Starter Kit
G1310-68741	InfinityLab Preventive Maintenance Kit Isocratic and Quaternary Pump (G7110B, G7111A/B)	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	The kit contains plunger seal (5063-6589), 2 sets of seal cap assembly (5067-4728), 2 film washers (01018-07102), and PTFE Frits 5/pk (01018-22707)	PM Kit
G7129-68740	InfinityLab Preventive Maintenance Kit Vialsampler (G7129C)	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	The kit contains needle (G7129-87200), needle seat (G7129-87017), peristaltic pump (5065-4445), rotor seal (0101-1416) and finger caps 15/pk (5063-6506)	PM Kit
G7167-68730	InfinityLab Preventive Maintenance Kit Multisampler (G7167A)	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	The kit contains needle (G4267-87201), needle seat (G4267-87012) and rotor seal (5068-0209)	PM Kit
G7116-60061	InfinityLab Quick Connect Heat Exchanger, High Flow (0.17 mm id, 6.0 μ L volume)	1	For high flow rate above ca. 2.5 mL/min		Connection Supplies

1220 Infinity II LC workflow supplies recommendations



InfinityLab Long-life Deuterium Lamp



1220 Infinity II LC Workflow

Part Number	Description	Recommended Quantity	Reason to Use	Part List for Kit	Product Family
2140-0820	InfinityLab Long-life Deuterium Lamp, with RFID Tag, for Diode Array and Multiple Wavelength Detector of 1220 Infinity II LC	1	Spare lamp for diode array detector to avoid system downtimes if lamp is at the end of its life		LC Lamps
G1314-60101	InfinityLab Long-life HiS Deuterium Lamp, with RFID Tag, for Variable Wavelength Detector of 1220 Infinity II LC	1	Spare lamp for variable wavelength detector to avoid system downtimes if lamp is at the end of its life		LC Lamps
G4280-68730	InfinityLab Preventive Maintenance Kit, for 1220 Infinity II system with Autosampler	1	Our study showed that conducting PM can reduce system downtime and troubleshooting leading to higher than 30% cost reduction	The kit contains needle (G1313-87201), needle seat (G1329-87017), rotor seal (0100-1853), PTFE frits 5/pk (01018-22707), 2 sets of seal cap assembly (5067-4728) and plunger seals 2/pk (5063-6589)	PM Kit

Learn more:

www.agilent.com/en/product/liquid-chromatography

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