Agilent

Trusted Answers

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 solvent and sample containers

InfinityLab solvent bottles

– **9301-6524**: InfinityLab solvent bottle, GL45, Clear, 1 L

– **9301-6526**: InfinityLab solvent bottle, GL45, Amber, 1 L

– **9301-6342**: InfinityLab solvent bottle, GL45, Clear, 2 L

– **9301-6341**: InfinityLab solvent bottle, GL45, Amber, 2 L

– **9301-6529**: InfinityLab identification silicone rings, 8/pk

InfinityLab Stay Safe caps

– **5043-1222**: InfinityLab Stay Safe caps starter kit including 4 caps, 4 venting valves, and 4 fittings
  💡 **(Top Recommendation)**

– **5043-1217**: InfinityLab Stay Safe cap, 1 port, incl. 1 fitting and 1 venting valve

– **5043-1218**: InfinityLab Stay Safe cap, 2 ports, incl. 2 fittings, and 1 venting valve

InfinityLab Stay Safe purging bottle

– **5043-1339**: InfinityLab Stay Safe purging bottle, 1L with four GL45 openings

InfinityLab waste can

– **5043-1221**: InfinityLab Stay Safe cap and Waste can kit, incl. Stay Safe cap with 4 ports for waste and 6 L waste can

– **5043-1336**: InfinityLab Stay Safe cap, S60 thread, for waste can

– **5043-1337**: 10 L Waste can with S60 thread

– **5043-1193**: InfinityLab charcoal filter with time strip

InfinityLab LC capillaries and fittings

InfinityLab Quick Connect fitting

– **5067-5958**: InfinityLab Quick Connect fitting assembly including stainless steel capillary 0.12x150 mm, for Agilent 1290 Infinity II System 💡 **(Top Recommendation)**

– **5067-6167**: InfinityLab Quick Connect fitting assembly including stainless steel capillary 0.17x150 mm, for Agilent 1260 Infinity II System 💡 **(Top Recommendation)**

InfinityLab Quick Turn fitting

– **5067-5966**: InfinityLab Quick Turn fitting

– **5500-1191**: InfinityLab Quick Turn capillary ST 0.12x280 mm

– **5043-0915**: Mounting tool for InfinityLab Quick Turn Fitting

InfinityLab LC Flex Bench: Improve flexibility and safety in setup of Agilent LC instruments
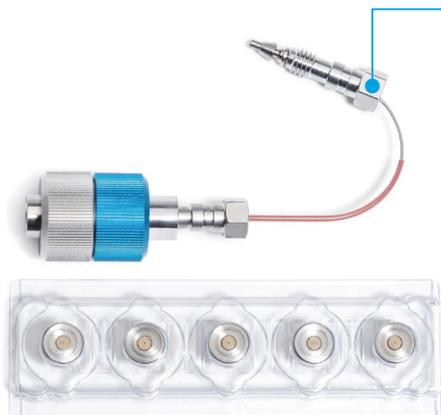
Agilent FlexBench (**5043-1759***) 💡 **(Top Recommendation)**

Agilent FlexBench MS (**G6015B***) for Agilent Ultivo Triple Quadrupole LC/MS and InfinityLab LC/MSD

Agilent Benchtop (**5043-1740***) 💡 **(Top Recommendation)**

*with power strip, available in regions except Asia Pacific. For Asia Pacific please use part numbers for benches without power strip: **5043-1252**, **G6015A**, **5043-1711** from left to right

InfinityLab Quick Change inline filter: Maximize LC column lifetime

Ultimate ease of use

– Finger-tight, tool-free replacement of filter disc

– Click and Seal: a click alerts when the filter is tight up to 1300 bar, assuring no risk of over- or undertightening

Robustness for low operational cost

– Robust filter housing enables over 100 replacements of filter discs without any damage

Prevent column clogging

– Quick and easy filter disc replacement eliminates pressure increase and column damage caused by particles

– **5067-1603**: InfinityLab Quick Change Inline Filter Assembly for Agilent 1290 LC instruments, with 2.1 mm id, 0.2 μm Filter Discs 💡 **(Top Recommendation)**

– **5067-1602**: InfinityLab Quick Change Inline Filter Assembly for Agilent 1260 LC instruments, with 4.6 mm id, 0.5 μm Filter Discs 💡 **(Top Recommendation)**

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 1290 systems, 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 1260 systems, 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
5067-5958	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
9301-6342	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
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

Part Number	Description	Recommended Quantity	Reason to Use	Product Family
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* 5043-1252**	InfinityLab Flex Bench	1	For highest flexibility in the setup of Agilent LC instruments and to easily move the system everywhere in the lab 💡 (Top Recommendation)	LC Bench
5043-1740* 5043-1711**	InfinityLab Benchtop	1	For existing lab benches, improve flexibility in setup of Agilent LC instruments 💡 (Top Recommendation)	LC Bench
G6015B* G6015A**	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

* with power strip, available except in Asia Pacific   ** without power strip, for Asia Pacific
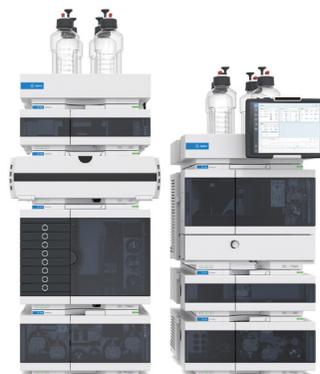
1290 Infinity II LC workflow supplies recommendations

InfinityLab Long-life HiS Deuterium Lamp

1290 Infinity II 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 G7117A/B/C to avoid system downtimes 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 downtimes if lamp is at the end of its life time		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	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)	PM Kit
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), 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)	PM Kit
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

Part Number	Description	Recommended Quantity	Reason to Use	Part List for Kit	Product Family
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 Convenience Kit	1	Perfect starter kit for the 1290 Infinity II system, providing a carefully selected portfolio of InfinityLab supplies for efficient ramp up usage of new InfinityLab LC instruments	The kit contains solvent bottles (3x clear (9301-6524), 1x amber (9301-6526)), Stay Safe Caps Starter Kit (5043-1222), pack of 500 vials clear with bonded pre-slit caps (5190-7023), 4 solvent inlet filters stainless steel (01018-60025), in-line filter kit (5067-6189), PTFE frits 5/pk (01018-22707), column holder clamps 2/pk (G7116-68004), column holder lamella 2/pk (G7116-68003) and complete contents of 1290 Infinity II capillary kit (5067-6615)	Starter Kit
5067-6615	1290 Infinity II 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 µL 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 µL Volume, with Connecting Capillaries)	1	Reduce sample dispersion to improve sensitivity		Connection Supplies

* PM: Preventive Maintenance

1260 Infinity II Prime LC workflow supplies recommendations

InfinityLab Long-life HiS Deuterium Lamp

1260 Infinity II 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 G7117A/B/C 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 G7114A/B to avoid system downtimes if lamp is at the end of its life		LC Lamps
G7120-68741	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), seal cap assembly (5067-5416), peristaltic pump (5065-4445), PTFE frits 5/pk (5023-0271), gold seal for outlet valve (G4220-20020) and 2 seal washes (0905-1175)	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 seals 2/pk (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 seals 2/pk (5068-0209)	PM Kit

1260 Infinity II LC workflow supplies recommendations

InfinityLab Starter Kit (Partial)

1260 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 Detectors (G7115A/G7165A)	1	Spare lamp for G7165A 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 G7114A/B to avoid system downtimes if lamp is at the end of its life		LC Lamps
5067-6617	1260 Infinity II Convenience Kit	1	Perfect starter kit for the 1260 Infinity II system, providing a carefully selected portfolio of InfinityLab supplies for efficient ramp up usage of new InfinityLab LC instruments	The kit contains solvent bottles (3x clear (9301-6524), 1x amber (9301-6526)), Stay Safe Caps Starter Kit (5043-1222), pack of 500 vials clear with bonded pre-slit caps (5190-7023), 4 solvent inlet filters stainless steel (01018-60025), solvent inlet filter (01018-60025), in-line filter kit (5067-6189), PTFE frits 5/pk (01018-22707), column holder clamp 2/pk (G7116-68004), column holder lamella 2/pk (G7116-68003) and complete contents of 1260 Infinity II capillary kit (5067-6614)	Starter Kit
5067-6614	1260 Infinity II 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 seals 2/pk (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 seals 2/pk (5068-0209)	PM Kit
G7116-60061	InfinityLab Quick Connect Heat Exchanger, High Flow (0.17 mm id, 6.0 µL 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

DE32521484

Agilent
Trusted Answers