



# Agilent 1100 Series Liquid Chromatograph and LC Detector Supplies

## Quick Reference Guide

### PerfectFit Supplies—The Perfect Partner for Agilent Instruments

Agilent Technologies is committed to optimizing your laboratory's productivity. As part of this long-term commitment, we have designed our PerfectFit supplies to match our instruments precisely. You get consistent results and optimum instrument performance, all day, every day.

For your convenience, the shopping list below contains the most commonly ordered supplies and parts for the Agilent 1100 Series liquid chromatograph. Simply mark the supplies that you need or want to keep on hand. Then visit our Web site at [www.agilent.com/chem/store](http://www.agilent.com/chem/store) for easy and convenient ordering. You can also call (or fax this marked list to) your local Agilent sales office or authorized Agilent distributor.

### Liquid Chromatograph Supplies

Description	Part Number	Recommended Quantity	Mark for Order
<b>Pump Module Supplies</b>			
Maintenance kit with outlet cap, PTFE frits (10), pump seals (4), outlet gold seal, inlet filters (2), and valve cartridge	G1311-68710	1	<input type="checkbox"/>
Sapphire plunger	5063-6586	1	<input type="checkbox"/>
Plunger seals (2/pk), graphite-filled Teflon	5063-6589	1	<input type="checkbox"/>
Plunger seals (2/pk), polyethylene for normal phase	0905-1420	1	<input type="checkbox"/>
PTFE frits (5/pk)	01018-22707	1	<input type="checkbox"/>
Outlet valve for isocratic and quaternary pump	G1311-60012	1	<input type="checkbox"/>
Outlet valve for binary pump	G1312-60012	1	<input type="checkbox"/>
Gold seal outlet	5001-3707	1	<input type="checkbox"/>
Seal wash	0905-1175	1	<input type="checkbox"/>
Sieves (SS) for outlet valve (10/pk)	5063-6505	1	<input type="checkbox"/>
Cartridge for active inlet valve	5062-8562	1	<input type="checkbox"/>
Seal wash kit	01018-68722	1	<input type="checkbox"/>
Glass filter, solvent inlet	5041-2168	1	<input type="checkbox"/>
Frit adapter, 3 mm, PTFE, 4/pk	5062-8517	1	<input type="checkbox"/>
Solvent reservoir, 1 liter with cap	9301-1421	1	<input type="checkbox"/>
Solvent reservoir, 2 L, 2 inlets, clear	5065-4421	1	<input type="checkbox"/>
Solvent tubing, 5 m, 1.5 mm id, 3 mm od	5062-2483	1	<input type="checkbox"/>
<b>Online Degasser Supplies</b>			
Online degasser accessory kit with screws (8), bushings (8), markers (4), tubing from degasser to pump, syringe, and adapter	G1322-68705	1	<input type="checkbox"/>
<b>Autosampler Supplies</b>			
Maintenance kit with Vespel rotor seal, needle, needle seat, metering seals (2), and finger caps (15)	G1313-68709	1	<input type="checkbox"/>
Multi-draw upgrade kit with 500 µl seat capillary, 1500 µl seat capillary, and ZDV union	G1313-68711	1	<input type="checkbox"/>
Rotor seal, Vespel	0100-1853	1	<input type="checkbox"/>
Rotor seal, PEEK	0100-2231	1	<input type="checkbox"/>

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## Liquid Chromatograph Supplies (Continued)

Description	Part Number	Recommended Quantity	Mark for Order
<b>Autosampler (Continued)</b>			
Needle seat + capillary, 0.17 mm id. 2.3 µL for standard autosampler	G1313-87101	1	<input type="checkbox"/>
Needle seat + capillary, 0.12 mm id. 1.2 µL for standard autosampler	G1313-87103	1	<input type="checkbox"/>
Needle for standard autosampler	G1313-87201	1	<input type="checkbox"/>
Needle seat + capillary, 100 µm id. 1.2 µL for Micro autosampler	G1329-87101	1	<input type="checkbox"/>
Needle seat + capillary, 50 µm id. 0.3 µL for Micro autosampler	G1329-87103	1	<input type="checkbox"/>
Needle assy for Micro autosampler	G1329-80001	1	<input type="checkbox"/>
Needle seat + capillary, 0.17 mm id. 2.3 µL for well plate autosampler	G1367-87201	1	<input type="checkbox"/>
Needle assy for well plate autosampler	G1367-87200	1	<input type="checkbox"/>
Needle seat, µ-well plate autosampler (without capillary)	G1377-87101	1	<input type="checkbox"/>
Seat capillary, 100 µm id, 15 cm	G1375-87317	1	<input type="checkbox"/>
Seat capillary, 50 µm id, 15 cm	G1375-87300	1	<input type="checkbox"/>
Needle assy for Micro well plate autosampler	G1377-87201	1	<input type="checkbox"/>
2 ml crimp-top vial, clear with red/orange 11 mm cap (500/pk)	5181-3400	2	<input type="checkbox"/>
11 mm crimp caps with butyl rubber septa (500/pk)	5061-3370	2	<input type="checkbox"/>
6 ml screw-top vial, clear (100/pk)	9301-1377	1	<input type="checkbox"/>
Screw caps for 6 ml vial (100/pk)	9301-1379	1	<input type="checkbox"/>
Septa for 6 ml vial (100/pk)	9301-1378	1	<input type="checkbox"/>
20 mm crimp caps with butyl rubber septa (100/pk)	9301-1425	1	<input type="checkbox"/>
6 ml crimp-top vial, clear (needs 20 mm cap) (100/pk)	9301-1419	1	<input type="checkbox"/>
0.2 ml crimp-top microvial, clear (100/pk)	9301-1388	1	<input type="checkbox"/>
2 ml crimp-top narrow-neck vial, clear (needs 11 mm cap)(100/pk)	5182-0538	1	<input type="checkbox"/>
Microvial inserts, for narrow-neck vials (500/pk)	9301-1387	1	<input type="checkbox"/>
<b>Connecting Capillaries and Fittings and Kits</b>			
Capillary/fitting starter kit 0.17 mm id contains 0.17 mm id SS flex capillaries: 4x10 cm, 4x15 cm, 2x20cm, 2x28 cm, 1x40 cm, PEEK tubing, cutter, SS and PEEK fittings, unions, Rheotool, knife	5065-9939	1	<input type="checkbox"/>
Capillary/fitting starter kit 0.12 mm id contains 0.12 mm id SS flex capillaries; 4x10 cm, 4x15 cm, 2x20 cm, 2x28 cm, 1x40 cm, PEEK tubing, cutter, SS and PEEK fittings, unions, Rheotool, knife	5065-9937	1	<input type="checkbox"/>
Capillary/fitting starter kit for Cap LC contains 8 PEEK coated fused silica connecting capillaries of different lengths, 50 and 100 µm id, fittings for use with the 1100 cap LC, 20 µl/min	5065-9938	1	<input type="checkbox"/>
Connecting capillary with fittings, 9 cm, 0.17 mm id	G1316-87300	1	<input type="checkbox"/>
Connecting capillary with fittings, 18 cm, 0.17 mm id	G1313-87305	1	<input type="checkbox"/>
Connecting capillary with fittings, 7 cm, 0.12 mm id	G1316-87303	1	<input type="checkbox"/>
Connecting capillary with fittings, 18 cm, 0.12 mm id	G1313-87304	1	<input type="checkbox"/>
Connecting capillary with fittings, 39 cm, 0.17 mm id	G1315-87311	1	<input type="checkbox"/>
Connecting capillary with fittings, 60 cm, 0.17 mm id	G1312-67305	1	<input type="checkbox"/>
1/16-in. SS fittings, front and back ferrules, (10/pk)	5062-2418	1	<input type="checkbox"/>
1/16-in. SS long fittings, front and back ferrules (10/pk)	5065-4454	1	<input type="checkbox"/>

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## Liquid Chromatograph Supplies (Continued)

Description	Part Number	Recommended Quantity	Mark for Order
<b>Connecting Capillaries and Fittings and Kits (continued)</b>			
PEEK finger-tight fittings (10/pk)	5063-6591	1	<input type="checkbox"/>
Colored PEEK finger-tight fittings (10/pk)	5065-4426	1	<input type="checkbox"/>
Flexible tubing (SS), without fittings, 10.5 cm, 0.17 mm id	5021-1816	1	<input type="checkbox"/>
Flexible tubing (SS), without fittings, 15 cm, 0.17 mm id	5021-1817	1	<input type="checkbox"/>
Flexible tubing (SS), without fittings, 10.5 cm, 0.12 mm id	5021-1820	1	<input type="checkbox"/>
Flexible tubing (SS), without fittings, 15 cm, 0.12 mm id	5021-1821	1	<input type="checkbox"/>
Zero dead-volume fitting (connects flexible tubing)	0100-0900	1	<input type="checkbox"/>
<b>Well Plates and Cover Mats for Well Plate Autosampler</b>			
96 well plates, 0.5 ml, Polypropylene (120/pk)	5042-1385	1	<input type="checkbox"/>
96 well plates, 0.5 ml, Polypropylene (10/pk)	5042-1386	1	<input type="checkbox"/>
96 well plates, 150 µL, Polypropylene, skirted (25/pk)	5042-8502	1	<input type="checkbox"/>
96 deep well plates, 1.0 ml, Polypropylene (50/pk)	5042-6454	1	<input type="checkbox"/>
384 well plates, Polypropylene (30/pk)	5042-1388	1	<input type="checkbox"/>
96 well plate with glass inserts, caps and septa pre-assembled, volume 0.35 ml	5065-4402	1	<input type="checkbox"/>
Closing mats for 96 well plates (50/pk)	5042-1389	1	<input type="checkbox"/>
<b>Trays and Collecting Tubes for Fraction Collector</b>			
Tray holding 40 tubes, 30 x 100 mm, 50ml	G1364-84503	1	<input type="checkbox"/>
Round bottom glass vial, 30x100 mm (100/pk)	5042-6458	1	<input type="checkbox"/>
Round bottom glass vial, 30x48 mm, (100/pk)	5042-6470	1	<input type="checkbox"/>
Tray holding 60 tubes, 25 x 100 mm, 35 ml	G1364-84504	1	<input type="checkbox"/>
Round bottom glass vial 25x100 mm (100/pk)	5042-6459	1	<input type="checkbox"/>
Tray holding 126 tubes, 16 x 100 mm, 14 ml	G1364-84505	1	<input type="checkbox"/>
Test tubes, 16 x 100 mm (250/pk)	5022-6532	1	<input type="checkbox"/>
Test tubes, 16 x 48 mm (100/pk)	5022-6533	1	<input type="checkbox"/>
Tray holding 215 tubes, 12 x 100 mm, 7 ml	G1364-84506	1	<input type="checkbox"/>
Test tubes, 12 x 100 mm (250/pk)	5022-6531	1	<input type="checkbox"/>
Test Tubes, 12 x 48 mm (100/pk)	5022-6534	1	<input type="checkbox"/>
Tray, 4 well plates, cooled	G1364-84501	1	<input type="checkbox"/>
Tray, 2 well plates, 10 funnels cooled	G1364-84502	1	<input type="checkbox"/>
Tray for well plate auto sampler, holds 2 well plates and 10 2 ml vials	G1367-60001	1	<input type="checkbox"/>
<b>Filtration Supplies</b>			
HPLC solvent filter/degasser assembly Includes: 250 mL glass reservoir, tapered funnel base with PTFE coated sieve, 1 L flask and clamp	3150-0577	1	<input type="checkbox"/>
Cellulose filter membranes, 47 mm, 0.45 µm pore size (100/pk)	3150-0576	1	<input type="checkbox"/>
Nylon filter membranes, 47 mm, 0.45 µm pore size (100/pk)	9301-0895	1	<input type="checkbox"/>
Teflon filter membranes, 47 mm, 0.45 µm pore size (10/pk)	3150-0509	1	<input type="checkbox"/>
Universal in-line filter, includes two frits, 4.8 mm, 2 µm pore size, connecting capillary	01090-68703	1	<input type="checkbox"/>
Low-dispersion In-line filter, includes two frits, 1.6 mm, 2 µm pore size, connecting capillary	01090-68702	1	<input type="checkbox"/>

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## LC Detector Supplies

Description	Part Number	Recommended Quantity	Mark for Order
<b>Variable Wavelength Detector (VWD) Supplies (G1314)</b>			
Deuterium lamp for VWD	G1314-60100	1	<input type="checkbox"/>
Standard flow cell kit (2 windows, 2 gaskets #1, 2 gaskets #2)	G1314-65050	1	<input type="checkbox"/>
Micro flow cell, 5mm, 1 µl, 40 bar	G1314-60081	1	<input type="checkbox"/>
Micro flow cell kit (2 windows, 2 gaskets #1, 2 gaskets #2)	G1314-65052	1	<input type="checkbox"/>
High pressure flow cell, 10mm, 14 µl, 400 bar	G1314-60082	1	<input type="checkbox"/>
High pressure flow cell kit (2 windows, 2 KAPTON gaskets, 2 PEEK rings)	G1314-65054	1	<input type="checkbox"/>
<b>Diode Array Detector (DAD) Supplies (G1315A)</b>			
Deuterium lamp for DAD, shine-through	2140-0590	1	<input type="checkbox"/>
Long life UV lamp	2140-0813	1	<input type="checkbox"/>
Tungsten lamp	G1103-60001	1	<input type="checkbox"/>
Capillary- column to detector, 380 mm, 0.17 mm id	G1315-87311	1	<input type="checkbox"/>
Capillary- column to detector, 380 mm, 0.12 mm id	G1315-87312	1	<input type="checkbox"/>
Cell repair kit for standard flow cell (front seals (12), back seals (12), window screw kit, hex key 6 mm)	G1315-68712	1	<input type="checkbox"/>
Semi-micro flow cell, 6mm, 5 µl, 120 bar	G1315-60011	1	<input type="checkbox"/>
Cell repair kit for semi-micro flow cell (front seals (12), back seals (12), window screw kit, hex key 6 mm)	G1315-68713	1	<input type="checkbox"/>
<b>Refractive Index Detector (G1362A) Supplies</b>			
Tubing kit for connections all lines	G1362-68706	1	<input type="checkbox"/>
OQ/PV test samples	5064-8220	1	<input type="checkbox"/>
<b>Fluorescence Detector (G1321A) Supplies</b>			
Flash lamp	2140-0600	1	<input type="checkbox"/>
PEEK fitting	0100-1516	1	<input type="checkbox"/>
Waste tubing	0890-1762	1	<input type="checkbox"/>
Capillary	G1315-87311	1	<input type="checkbox"/>
Sample filter	5061-3367	1	<input type="checkbox"/>
<b>Electrochemical Detector (1049) Supplies</b>			
Glassy carbon working electrode	01049-64105	1	<input type="checkbox"/>
Platinum working electrode	01049-28801	1	<input type="checkbox"/>
Gold working electrode	01049-28802	1	<input type="checkbox"/>
Solid state reference electrode	01049-62901	1	<input type="checkbox"/>
Internal electrolyte electrode	01049-62902	1	<input type="checkbox"/>
Seal for above	01049-47102	1	<input type="checkbox"/>
FEP spacer (10/pk)	01049-24705	1	<input type="checkbox"/>
Inlet tubing, red Teflon, 0.5 m	01049-27305	1	<input type="checkbox"/>
KCl Electrolyte, aqueous solution	01049-92101	1	<input type="checkbox"/>
Electrode polishing kit: abrasive paper & solution	01049-67001	1	<input type="checkbox"/>
Inlet capillary, 60 cm, 0.17 mm id	01048-87302	1	<input type="checkbox"/>

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### **Agilent Columns and Supplies— The Perfect Fit**

For greater confidence in your chromatography results, you can optimize your total system with quality Agilent columns and supplies—the perfect fit for the Agilent 1100 Series liquid chromatograph. A wide range of columns, supplies, kits, and accessories is designed, manufactured, and tested to rigorous Agilent specifications, under a quality system registered to ISO 9001. Why risk compromising your analytical results with anything less than genuine Agilent consumables?

For Agilent's complete listing of columns and supplies, visit us on the World Wide Web at [www.agilent.com/chem/supplies](http://www.agilent.com/chem/supplies)

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