

Agilent 6100 Series Single Quadrupole LC/MS Supplies

Quick reference guide



Agilent supplies for Agilent instruments

Agilent Technologies is committed to optimizing your laboratory's productivity, so we have produced this list of the most commonly ordered supplies and parts for the 6100 Series Single Quadrupole LC/MS. Keep your own spares on site to minimize instrument downtime.

| Foreline pump supplies | Part No. |
|--|-------------|
| Oil mist cartridge filter for MS40+ | G1960-80039 |
| Oil return kit for E1M18/E2M28 | 3162-1057 |
| Foreline pump oil, Inland 45, 1 L, for E1M18/E2M28 | 6040-0834 |
| Foreline pump oil, 4 L, for E1M18/E2M28 | 6040-0798 |
| Foreline pump oil, SW60, 1 L, for MS40+ | 6040-1361 |
| Foreline exhaust adaptor | 59980-20134 |
| Hose clamp | 1400-0563 |
| Oil mist filter element for E1M18/E2M28 | 1535-4970 |
| KF25 clamp, stainless steel | 0100-0549 |
| KF25 coseal (inside clamp) | 0100-1597 |
| Exhaust tubing (per cm) | 0890-1727 |
| Exhaust tubing, 760 cm | G1946-80077 |
| Pump oil drip pan | G1946-00034 |
| Tip seal replacement kit for XDS35i | G1960-80801 |
| Quiet Cover for Agilent LC/MS systems | G6011A |

| LC/MS preventative maintenance kit (contains common supplies for most Agilent LC/MS systems) | Part No. |
|---|-----------|
| LC/MS preventative maintenance kit, for E1M18 equipped systems; contains: | 5190-1443 |
| Foreline pump oil, Inland 45, 1 L, for E1M18/E2M28 | 6040-0834 |
| Oil mist filter element, for E1M18/E2M28 | 1535-4970 |
| Filter element, 5 µm, 5/pk | 0100-2051 |
| Spring, canted coil, required | 1460-2571 |
| Big hydrocarbon trap, 1/4 in fitting | BHT-4 |
| Rotor seal, Vespel, pH 0 to 10 | 0100-1855 |

LC/MS common supplies

(common to all Agilent LC/MS systems)

Part No.

Common parts

| | |
|--------------------------------|-------------|
| Filter element, 5 µm, 5/pk | 0100-2051 |
| Rotor seal, Tefzel, pH 0 to 14 | 0100-1854 |
| Rotor seal, Vespel, pH 0 to 10 | 0100-1855 |
| Inlet filter assembly | G1946-60180 |
| SSV long drain tubing assembly | G1969-60086 |
| Spring, canted coil | 1460-2571 |

Common cleaning supplies

| | |
|--|-------------|
| Abrasive mesh, 4000 grit | 8660-0827 |
| Cleaning powder, dielectric capillary, Alconox | 5190-1401 |
| Cloths, lint-free | 05980-60051 |
| Cotton swabs, 100/pk | 5080-5400 |

Common gas purifiers

| | |
|--|--------|
| Big hydrocarbon trap, 1/4 in fitting | BHT-4 |
| Big moisture trap, 1/4 in fitting | BMT-4 |
| Big universal trap, 1/4 in fitting | RMSN-4 |
| Big universal trap, 1/8 in fitting, nitrogen | RMSN-2 |

Common tools

| | |
|---|-------------|
| LC/MS tool kit | G1946-60157 |
| Nebulizer adjustment fixture | G1946-20215 |
| Nebulizer 25x magnifier | G1946-80049 |
| Plastic tubing cutter | 8710-1930 |
| Screwdriver, Torx T10 | 8710-1622 |
| Screwdriver, Torx T20 | 8710-1615 |
| Open end wrench, 1/4 x 5/16 in | 8710-0510 |
| Wrench, 1/2 x 7/16 in | 8710-0806 |
| Hex key, 10 mm, for MS40+ | 8710-2612 |
| Needle-nose pliers, pointed serrated jaws | 8710-0004 |
| Ball driver, 1.5 mm, for new ES nebulizer | 8710-1570 |
| 3 mm wrench for nebulizer needle adjustment | 8710-2699 |

| 6100 supplies | Part No. |
|--|-------------|
| ES nebulizer assembly, original | G1946-60098 |
| ES nebulizer needle (original) replacement kit | G2427A |
| ES nebulizer assembly, new | G1958-60098 |
| ES nebulizer needle (new) replacement kit | G1958-60136 |
| APCI nebulizer assembly | G1946-60037 |
| APCI nebulizer needle replacement kit | G2428A |
| Corona needle assembly, APCI/multimode | G1947-60103 |
| Corona needle, APCI/multimode | G1947-20029 |
| Capillary cap, high throughput, 3 mm | G1946-20301 |
| Capillary, 0.5 mm id, dielectric* | G1946-80009 |
| Capillary, 0.6 mm id, dielectric* | 59987-20040 |
| Capillary, 0.6 mm id, fast-polarity switching | G1960-80060 |
| Spring, canted coil, 0.25 in id, 0.53 mm | 1460-2571 |
| Skimmer 1 | G1956-20302 |
| HED assembly | G1960-80000 |
| Electron multiplier replacement horn | 05971-80103 |

| Chemicals | Part No. |
|---|-------------|
| ES/ACPI positive ion performance standard Five x 1 mL ampoules | G2423A |
| Electrospray LC demo sample (Sulfamix) | 59987-20033 |
| ESI+ACPI demo sample | G1978-85000 |
| ES negative ion performance standard Five x 1 mL ampoules | G2424A |
| ACPI negative ion performance standard Five x 1 mL ampoules | G2425A |
| ES/ACPI positive ion performance standard | G1946-85004 |
| Multiple-charge compound performance evaluation sample (horse heart myoglobin) | G2426A |
| Caffeine standards kit for LC/MS OQ/PV | 8500-6917 |
| Flushing solvent | G1969-85026 |
| High purity water, 4 L | 8500-2236 |
| Methyl alcohol, 1 L | 8500-1867 |
| Ammonium formate | G1946-85021 |
| Formic acid, 5 mL | G2453-85060 |
| Acetonitrile, 1 L | G2453-85050 |

* Dielectric capillary supports standard polarity switching only.

| Standards kits | Part No. |
|--|-----------|
| Caffeine standards kit for LC/MS OQ/PV Five x 5 mL ampoules: 0.5, 1.0, 5.0, 25, and 50 µg/mL caffeine in water | 8500-6917 |
| Sulfa drugs standards kit for LC/MS OQ/PV Five x 2 mL ampoules with four sulfa drugs in water: methanol 70:30 | 5188-6523 |

| Analyzer kits | Part No. |
|--|-----------|
| LC/MS toxicology calibration mixture Three x 1 mL ampoules | 5190-1470 |
| Method EN12916/IP391 LC standards calibration kit Four x 1 mL ampoules | 5190-0484 |
| Method EN12916/IP391 system calibration standards kit Two x 1 mL ampoules | 5190-0485 |

| Calibrant mixes | Part No. |
|---|-------------|
| ESI tuning mix, 100 mL | G2421A |
| APCI/APPI calibrant solution, 100 mL | G2432A |
| APCI-L low concentration tuning mix, 100 mL | G1969-85010 |
| MMI-L low concentration tuning mix, 100 mL | G1969-85020 |

Agilent columns and supplies - to help you get the results you need

For greater confidence in your chromatography results, you can optimize your total system with quality Agilent columns and supplies. Our wide range of columns, supplies, sample prep, 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 supplies?

For Agilent's complete listing of columns and supplies, visit us online at:

www.agilent.com/chem/supplies

This information is subject to change without notice.
© Agilent Technologies, Inc. 2012
Published in UK, January 16, 2012
5990-8580EN