

# HPLC Instrument Parts

## Agilent HPLC 1050



| Ordering Information   |     |             |           |
|--|-----|-------------|-----------|
| Description  | QTY | Agilent No. | Part No.  |
| <b>Pump parts</b>  |     |             |           |
| Outlet ball valve Assembly   | 1   | G1311-60012 | 05BH-0011 |
| Replace Cartridge for ball valve   | 2   |             | 05BH-0022 |
| Active inlet valve   | 1   | 01018-60010 | 05BH-0031 |
| Cartridge for active inlet valve   | 1   | 5062-2486   | 05BH-0041 |
| Seal, UHMW-PE  | 2   | 0905-1420   | 05BH-0052 |
| Seal, Black Teflon   | 2   | 5063-6589   | 05BH-0062 |
| Wash Seal, UHMW-PE   | 1   | 0905-1175   | 05BH-0071 |
| Wash Seal, Black Teflon  | 1   |             | 05BH-0081 |
| Wash Seal kit  | 1   | 01018-68722 | 05BH-0091 |
| Gasket, wash seal  | 6   | 5062-2484   | 05BH-0106 |
| PTFE frits   | 5   | 01018-22707 | 05BH-0115 |
| 2-in-1 Outlet cap  | 1   | 5062-2485   | 05BH-0121 |
| Sapphire piston (plunger)  | 1   | 5063-6586   | 05BH-0131 |
| Pump maintenance kit includes 1 cartridge active inlet valve, 10 PTFE frits, 4 outlet gold seals, 10 wear retainers, 4 outlet caps, 4 piston seals | 1   | 01018-68724 | 05BH-0141 |
| <b>Autosampler parts</b>   |     |             |           |
| Needle seat  | 1   | 79846-67101 | 05BH-0151 |
| Needle assembly  | 1   | 01078-67200 | 05BH-0161 |
| Seat capillary   | 1   | 01078-87303 | 05BH-0171 |
| Vespel rotor seal  | 1   | 0101-0626   | 05BH-0181 |
| Maintenance kit, includes 2 needle seats, 2 needles, seat capillary, vespel rotor seal   | 1   | 01078-68724 | 05BH-0191 |
| <b>1050 Module Flow Capillary Connector</b>  |     |             |           |
| Pump to valve, 70cm, 0.25mmID  | 1   | 01078-87306 | 05BH-0201 |
| Autosampler to column, 80cm, 0.17mmID  | 1   | 01078-87305 | 05BH-0211 |
| Column to detector, 60cm, 0.17mmID   | 1   | 01048-87302 | 05BH-0221 |
| Pump to waste, corrugated tubing, 5m   | 1   | 5062-2463   | 05BH-0231 |
| <b>Detector parts</b>  |     |             |           |
| Deuterium lamp   | 1   | 79883-60002 | 05BH-0241 |
| Window, quartz   | 1   | 1000-0488   | 05BH-0251 |

- Black Teflon seals are PTFE with a carbon fill, this seal is a very good general purpose seal for any solvent.
- Gold plunger seals are made of UHMW-PE (Ultra High Molecular Weight Polyethylene) with fill that gives it a gold appearance. The seal provides good seal life and does not shed particles like that of other seals. The gold seal is inert to all common HPLC solvent mixes.

## Agilent HPLC 1090



| Ordering Information      |     |             |           |
|---------------------------|-----|-------------|-----------|
| Description               | QTY | Agilent No. | Part No.  |
| <b>Pump parts</b>         |     |             |           |
| Check valve Housing       | 1   | 79835-25211 | 05BH-0261 |
| Replacement Cartridge     | 2   | 79835-67101 | 05BH-0272 |
| Replacement Sieve         | 1   | 79835-65216 | 05BH-0281 |
| Seal, Black Teflon        | 4   | 5062-2494   | 05BH-0294 |
| Sapphire piston (plunger) | 1   | 3980-0672   | 05BH-0301 |
| <b>Valve parts</b>        |     |             |           |
| Rotor seal                | 1   | 1535-4048   | 05BH-0311 |
| Needle Seat               | 1   | 79846-67101 | 05BH-0321 |
| <b>Detector parts</b>     |     |             |           |
| Deuterium lamp            | 1   | 79883-60002 | 05BH-0241 |

## Agilent HPLC 1100/1200



| Ordering Information   |     |             |           |
|--|-----|-------------|-----------|
| Description  | QTY | Agilent No. | Part No.  |
| <b>Pump parts</b>  |     |             |           |
| Outlet ball valve (quaternary, isocratic)  | 1   | G1311-60012 | 05BH-0011 |
| Outlet ball valve (binary)   | 2   | G1312-60012 | 05BH-0332 |
| Replace Cartridge for ball valve   | 2   |             | 05BH-0342 |
| Active inlet valve   | 4   | 01018-60010 | 05BH-0034 |
| Cartridge for active inlet valve   | 1   | 5062-2486   | 05BH-0041 |
| Seal, UHMW-PE  | 2   | 0905-1420   | 05BH-0052 |
| Seal, Black Teflon   | 2   | 5063-6589   | 05BH-0062 |
| Wash Seal, UHMW-PE   | 1   | 0905-1175   | 05BH-0071 |
| Wash Seal, Black Teflon  | 1   |             | 05BH-0081 |
| Wash Seal kit  | 1   | 01018-68722 | 05BH-0091 |
| Gasket, wash seal  | 6   | 5062-2484   | 05BH-0106 |
| Seal Keeper  | 1   | 5001-3743   | 05BH-0111 |
| Purge valve  | 1   | G1311-60009 | 05BH-0351 |
| PTFE frits   | 5   | 01018-22707 | 05BH-0365 |
| 2-in-1 Outlet cap  | 1   | 5062-2485   | 05BH-0121 |
| Sapphire piston (plunger)  | 1   | 5063-6586   | 05BH-0131 |
| Pump maintenance kit includes 1 cartridge active inlet valve, 10 PTFE frits, 4 outlet gold seals, 10 wear retainers, 4 outlet caps, 4 piston seals | 1   | G1311-68710 | 05BH-0371 |
| <b>Solvent Inlet Filters</b>   |     |             |           |
| Frit adapter, 3mm, PTFE  | 4   | 5062-8517   | 05BH-0384 |
| Glass filter, solvent inlet  | 1   | 5041-2168   | 05BH-0391 |
| SS filter, solvent inlet   | 1   | 01018-60025 | 05BH-0401 |
| <b>1100 Autosampler Maintenance Parts</b>  |     |             |           |
| Needle   | 1   | G1313-87201 | 05BH-0411 |
| Needle Seat assembly   | 1   | G1313-87101 | 05BH-0421 |
| Needle seat, 0.12mm ID capillary   | 1   | G1313-87103 | 05BH-0431 |
| Needle arm kit (clamp and 2 screws)  | 1   | G1313-68713 | 05BH-0441 |
| Vial gripper maintenance finger caps   | 10  | 5063-6506   | 05BH-0457 |
| Rotor, Vespel, pH 2.3 to 9.5   | 1   | 0100-1853   | 05BH-0461 |
| Rotor, Tefzel, extreme pH ranges > 10  | 1   | 0100-1849   | 05BH-0471 |
| Stator head  | 1   | 0100-1850   | 05BH-0481 |
| Stator face  | 1   | 0100-1851   | 05BH-0491 |
| Isolation seal   | 1   | 0100-1852   | 05BH-0501 |
| Preventive Maintenance kit, includes rotor seal, needle assembly and needle seat   | 1   | G1313-68709 | 05BH-0511 |
| <b>Detector parts</b>  |     |             |           |
| Deuterium lamp   | 1   | G1314-60100 | 05BH-0521 |
| Standard flow cell, 14µL, 10mm path length   | 1   | G1314-60086 | 05BH-0531 |
| Standard flow cell kit for G1314-60086   | 1   | G1314-65061 | 05BH-0541 |
| Deuterium lamp, long life  | 1   | 5181-1530   | 05BH-0551 |
| Deuterium lamp, shine through  | 1   | 2140-0590   | 05BH-0561 |
| Tungsten lamp  | 1   | G1103-60001 | 05BH-0571 |
| Standard flow cell, 13µL, 10mm path length   | 1   | G1315-60012 | 05BH-0581 |
| Cell repair kit for standard flow cell   | 1   | G1315-68712 | 05BH-0591 |
| Xenon flash lamp   | 1   | 2140-0600   | 05BH-0601 |
| Flow cell  | 1   | G1321-60005 | 05BH-0611 |
| Calibration sample, glycogen, 1 gram   | 1   | 5063-6597   | 05BH-0621 |
| Deuterium lamp for Agilent 8452A   | 1   | 08452-60104 | 05BH-0771 |

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- Gold plunger seals are made of UHMW-PE (Ultra High Molecular Weight Polyethylene) with fill that gives it a gold appearance. The seal provides good seal life and does not shed particles like that of other seals. The gold seal is inert to all common HPLC solvent mixes.

# HPLC Instrument Parts

## Agilent HPLC 1100/1200

- Made of flexible stainless steel with 1/16" fittings for both ends
- Pre-swaged (p-s) fittings are assembled according to Swagelok specifications
- Non-swaged (n-s) capillaries include fittings, but are not assembled



| Ordering Information                               |     |              |           |
|--|-----|--------------|-----------|
| Description  | QTY | Agilent No.  | Part No.  |
| <b>Universal Connecting Capillaries</b>            |     |              |           |
| 130mm x 0.25mmID, p-s to p-s, Pump to Autosampler  | 1   | 01090-87308  | 05BH-0631 |
| 160mm x 0.25mmID, p-s to p-s                       | 1   | G1313-87301  | 05BH-0641 |
| 90mm x 0.17mmID, n-s to n-s                        | 1   | G1316-87300  | 05BH-0651 |
| 130mm x 0.17mmID, p-s to n-s                       | 1   | 01090-87305  | 05BH-0661 |
| 180mm x 0.17mmID, p-s to n-s Autosampler to Column | 1   | G1313-87305  | 05BH-0671 |
| 280mm x 0.17mmID, p-s to n-s Autosampler to Column | 1   | 01090-87304  | 05BH-0681 |
| 380mm x 0.17mmID, p-s to n-s Column to DAD         | 1   | G1315-87311  | 05BH-0691 |
| 500mm x 0.17mmID, n-s to n-s                       | 1   | G1328-87600  | 05BH-0701 |
| 600mm x 0.17mmID, p-s to n-s Pump to Autosampler   | 1   | G1312-67305  | 05BH-0711 |
| 800mm x 0.17mmID, p-s to n-s Autosampler to Column | 1   | 01048-87302  | 05BH-0721 |
| 35mm x 0.12mmID, p-s to p-s                        | 1   | 79841-87609* | 05BH-0731 |
| 70mm x 0.12mmID, n-s to n-s Column to Universal    | 1   | G1316-87303  | 05BH-0741 |
| 105mm x 0.12mmID, p-s to n-s                       | 1   | 01090-87611  | 05BH-0751 |
| 280mm x 0.12mmID, p-s to n-s Autosampler to Column | 1   | 01090-87610  | 05BH-0761 |

\*Made of 1.58mm (rigid) OD tubing

HPLC Accessories

## Beckman/Altex HPLC Systems



| Ordering Information                                  |     |             |           |
|---|-----|-------------|-----------|
| Description   | QTY | Beckman No. | Part No.  |
| <b>Replacement parts for Beckman HPLC Systems</b>     |     |             |           |
| Inlet Check Valve Assembly                            | 1   | 240720      | 05CH-0011 |
| Outlet Check Valve Assembly                           | 1   | 240721      | 05CH-0021 |
| Inlet Check Valve Cartridge for Check Valve Assembly  | 1   | 240620      | 05CH-0031 |
| Outlet Check Valve Cartridge for Check Valve Assembly | 1   | 240621      | 05CH-0041 |
| Guide Sleeve for Graphite Plunger Guide               | 1   | 243713      | 05CH-0051 |
| Outlet Check Filter Frit Assembly                     | 1   | 240619      | 05CH-0061 |
| Piston Guide Assembly                                 | 1   | 243045      | 05CH-0071 |
| Plunger, for 100A/110A/110B/112/112M                  | 1   | 243053      | 05CH-0081 |
| Plunger Seal, UHMW-PE, for 100A/110A/110B             | 1   | 887138      | 05CH-0091 |
| Plunger Seal, Black Teflon, for 100A/110A/110B        | 1   | 887138      | 05CH-0101 |
| Plunger Seal, UHMW-PE, for 105/110 PREP               | 1   | 887139      | 05CH-0111 |
| Plunger Seal, Black Teflon, for 105/110 PREP          | 1   | 887139      | 05CH-0121 |
| Plunger Seal, UHMW-PE, for 112/112M                   | 1   | 236797      | 05CH-0131 |
| Plunger Seal, Black Teflon, for 112/112M              | 1   | 236797      | 05CH-0141 |
| Plunger, for 114/114M/116/126                         | 1   | 240714      | 05CH-0151 |
| Plunger Seal, UHMW-PE, for 114/114M/116/126           | 1   | 241037      | 05CH-0161 |
| Plunger Seal, Black Teflon, for 114/114M/116/126      | 1   | 241037      | 05CH-0171 |
| Deuterium Lamp  | 1   | 596791      | 05CH-0181 |

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