

Agilent



Check Valves are a High Performance Upgrade for Your Agilent Pump

Replacement Check Valves

Self-priming With the ASI valve, priming is easy. Open the pump outlet and turn on the pump. Your pump will prime itself, even if the head and intake lines are completely dry. You won't need to use a syringe or draw-off valve to prime your pump.

Rugged Construction The valve will not crush, crack, or leak due to high pressure. We designed the ASI cartridge so that loads are transmitted through the valve casing rather than the seat, as in conventional designs.

Convenient and Economical Cartridge Design When it's time for routine maintenance, you only need to replace the cartridge, not the entire assembly. The ASI cartridge costs no more than most conventional valve rebuild kits, and you won't spend time chasing balls all over the lab bench.

Pre-tested Every ASI valve is tested prior to shipping to ensure it passes a stringent set of performance specifications.

Please ask for more information about ASI check valves.

Replacement Piston Seals and Pistons

ASI pump seals and pistons have been developed to reduce pump downtime. Our UHMW-PE piston seal material is compounded with other proprietary polymers to provide lower friction and better solvent resistance than pure UHMW-PE. It generally provides much longer service life than Teflon and generates less wear material, and we recommend it for most applications. Our Teflon piston seal has a proprietary additive to increase resistance to cold flow, and improve wear characteristics. Teflon is inert to any HPLC mobile phase.

Please ask for a detailed guide to selecting the best material.

ASI Self-priming Check Valves

Agilent 1050, 1100

| Description | OEM Part Number | ASI Part Number |
|---------------------------------------|--------------------|------------------|
| Outlet Valves (cartridge and housing) | 01018-60008 | 250-1417* |
| Outlet cartridges | | 250-1397* |
| Outlet housing | | 250-1407 |
| Replacement filter 5 pces pack | | 250-1130 |

Agilent 1090

| Description | OEM Part Number | ASI Part Number |
|---|-------------------------------------|------------------|
| Inlet Check valve (Cartridge and housing) | 79835-2511 & 79835-67101 | 250-1410* |
| Inlet cartridge | | 250-390* |
| Inlet housing | | 250-1400 |
| Outlet check valve (cartridge & housing) | 79835-2511 & 79835-6701 | 250-1415* |
| Outlet cartridge | | 250-1395* |
| Outlet Housing | | 250-1405 |

* If you wish to specify ceramic ball & seat, add a "C" to end of part number.

ASI Replacement Piston Seals

Agilent 1050, 1100

| Description | OEM Part Number | ASI Part Number | Material |
|---------------------|-----------------------|-----------------|----------|
| Piston Seal | 0905-1420 | 200-1350 | UHMW-PE |
| Piston Seal 10/Pack | | 200-1355 | UHMW-PE |
| Piston Seal | 5062-8516 & 5063-6589 | 200-1357 | Teflon |
| Piston Seal 10/Pack | | 200-1358 | Teflon |

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| Description | OEM Part Number | ASI Part Number | Material |
|------------------------|-----------------|-----------------|----------|
| Piston seal | 5062-2494 | 200-1367 | Teflon |
| Piston seal pack of 10 | | 200-1368 | Teflon |

ASI Replacement Pistons

Agilent 1050, 1100

| Description | OEM Part Number | ASI Part Number | Material |
|-------------|--------------------------|-----------------|--------------|
| Piston | 5062-2441 & 5063-6586 | 260-1330 | Sapphire Rod |

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| Description | OEM Part Number | ASI Part Number | Material |
|-------------|-----------------|-----------------|--------------|
| Piston | 3980-0672 | 260-1340 | Sapphire Rod |