

Beckman



ASI Check Valves are a High Performance Upgrade for Your Beckman 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 see page 72 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 see page 74 for a detailed guide to selecting the best material.

ASI Self-priming Check Valves

Beckman 100A, 110A/B, 112/M, 114/M, 116, 118, 125, 126, 127, 128

Description	OEM Part Number	ASI Part Number
Inlet Check Valve(cartridge and housing	240720	250-1260*
Inlet Cartridge		250-1240*
Inlet Housing		250-1250
Outlet Cartridge		250-1245*
Outlet Housing		250-1255
Replacement Filter 5/Pack		250-1130

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

ASI Replacement Piston Seals

Beckman 100A, 110A, 110B

Description	OEM Part Number	ASI Part Number	Material
Piston Seal	887138	200-1240	UHMW-PE
Piston Seal 10/Pack		200-1241	UHMW-PE
Piston Seal Insertion Tool		200-1245	

Beckman 112, 112M

Description	OEM Part Number	ASI Part Number	Material
Piston Seal	236797	200-1255	UHMW-PE
Piston Seal 10/Pack		200-1256	UHMW-PE

Beckman 114, 114M, 116, 118, 125, 126, 127, 128

Description	OEM Part Number	ASI Part Number	Material
Piston Seal High pressure	237162	200-1250	UHMW-PE
Piston Seal High pressure 10/Pack		200-1251	UHMW-PE

ASI Replacement Pistons

Beckman 110A, 110B, 112, 112M

Description	OEM Part Number	ASI Part Number	Material
Piston Piston only	243053	260-1140	Sapphire Rod

Beckman 114, 114M, 116, 118, 125, 126, 127, 128

Description	OEM Part Number	ASI Part Number	Material
Piston Piston only	240714	260-1145	Sapphire Rod