

# High Pressure Check Valves for Homogenizers

Inlet Check Valve | Outlet Check Valve | Homogenizer | Nanogenizer | Cell Disruption

## Unique Benefits

- Compatibility for MFIC Processors
- Electro polishing and inner Passivation for pharmaceutical application
- Lower cost and higher quality
- Longer warranty period



Genizer inlet and outlet check valves are designed to allow fluid to flow through in one direction and avoid back flow. These check valves are made from pharmaceutical-grade material which is strong enough to handle fluids at pressure up to 40,000psi and they can be a full replacement for Microfluidizer processor M7125 and M7250. We have been providing high quality spare parts for high pressure homogenization in compliance with FDA standards. Our confidence in the quality of our products allows us to provide a 90-day or 1-year warranty depending on the items.

## Specifications

Description	High Pressure Outlet Check Valve	High Pressure Inlet Check Valve
Brand	Genizer™	Genizer™
Connection	IN: 9/16-18-LH; OUT: 3/8-24-LH	IN: 1" Trip-Clamp Type Ferrule; OUT: 1 1/8-12
Dimensions	L: 163.5mm	L: 194mm
Weight	~3 lbs. (1.5kg)	
Compatibility	High Pressure Homogenizer; Microfluidizer M-7125, M-7250	
Cleaning	Flush to clean	
Sterilizing	Whole unit Autoclavable	
Pressure Range	20,000psi; 30,000 psi; 40,000 psi	
Material Standard	Pharmaceutical Grade, FDA, GMP	
Features	1" Inlet Sanitary Trip-Clamp	



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[http://www.genizer.com/high-pressure-outlet-and-inlet-check-valve\\_p0027.html](http://www.genizer.com/high-pressure-outlet-and-inlet-check-valve_p0027.html)

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Inlet Check Valve

## Standard Features

Parts	Spring, Ball, Stainless Housing
Max. Pressure	40,000psi
Product material	316L stainless steel, Tungsten, 17-4PH stainless steel
Polishing Condition	Electro-Polish and Passivation for pharmaceuticals
Warranty	90 days against any manufacturing defects

## Available Options

Parts	Diamond Interaction Chamber
Pressure Range	0-40,000psi
Compatibility and Full Replacement for Microfluidizer Processors & Avestin EmulsiFlexs	Single-Slotted: M-110Y, M-110P, M-110PS, M-110L, M-110S and M-110EH Static Homogenizing Valve (Avestin) Multi-Slotted: M-7115, M-7125, M-7250 and M-210
Polishing Condition	Electro-Polish and Passivation for pharmaceuticals
Product Cooling	Real Time cooling on Chamber
Warranty	1 year against any manufacturing defects



Outlet Check Valve