

# Back Pressure Regulator & In-Line Check Valves

## ■ Back Pressure Regulators

For Post Column Labeling Method, the back pressure regulator is used to provide the pump for reaction with back pressure for stable delivery of flow.

### Back Pressure Regulators (PEEK Holder)

#### ● Specifications

Fittings: 1/16 in. Flangeless Nut



Back Pressure Regulators

P/N	Pressure Setting	Cartridge	Cat.No.
P-790	0.03 MPa	–	6010-57000
P-791	0.14 MPa	–	6010-57001
P-786	0.52 MPa	P-762	6010-57003
P-788	1.7 MPa	P-764	6010-57005
P-789	3.4 MPa	P-765	6010-57006

Note: Fitting shape vary with the types.

### Back Pressure Regulators (SUS Holder)

P/N	Pressure Setting	Cartridge	Cat.No.
U-606	0.52 MPa	P-762	6010-57013
U-608	1.7 MPa	P-764	6010-57015
U-609	3.4 MPa	P-765	6010-57016
U-610	5.2 MPa	P-795	6010-57017

Note: Fitting shape will be changed by the types.

### Replacement Cartridges

#### ● Specifications

Wetted Flow Path Materials : PEEK, ETFE, Fluorine Rubber,  
Gold-Plated Stainless Steel



Replacement Cartridges

P/N	Pressure Setting	Color Coding		Cat.No.
		Body	Cap	
P-761	0.28 MPa	Yellow Brown	Blue	6010-57022
P-762	0.52 MPa	Yellow Brown	Yellow	6010-57023
P-763	0.69 MPa	Yellow Brown	Red	6010-57024
P-764	1.7 MPa	Yellow Brown	White	6010-57025
P-765	3.4 MPa	Yellow Brown	Green	6010-57026
P-795	5.2 MPa	Black	Blue	6010-57027
P-796	6.9 MPa	Black	Green	6010-57028

## ■ In-Line Check Valves

#### ● Specifications

Max. Operating Pressure: 6.9 MPa

Fittings: 1/16 in., 1/8 in. Flangeless Nut

Wetted Flow Path Materials:

CV-3000 (PEEK, Gold-Plated Stainless Steel, Perfluorelastomer, ETFE)

CV-3010 (PEEK, Stainless Steel, Ethylene-propylene, ETFE)



In-Line Check Valves

P/N	Description	Cat.No.
CV-3000	In-Line Check Valve 1/16 in.	6010-57100
CV-3001	Replacement Cartridge for CV-3000	6010-57101
CV-3010	In-Line Check Valve 1/8 in.	6010-57110
CV-3011	Replacement Cartridge for CV-3010	6010-57111