

Pump Accessories

Pulse Dampers

These pulsation dampers will improve flow performance of single plunger pumps.
Available to choose from 3 kinds.



High Pressure Damper
9810



Medium Pressure Damper
9805



Low Pressure Damper
9800

Product Name	High Pressure Damper	Medium Pressure Damper	Low Pressure Damper
Part Number	9810	9805	9800
Max Pressure	20 MPa (2900 psi)	10 MPa (1450 psi)	2 MPa (290 psi)
Pulse Control Range	8 ~ 12 MPa (1160 ~ 1740 psi)	0.5 ~ 5 MPa (72.5 ~ 725 psi)	0.1 ~ 0.7 MPa (15 ~ 102 psi)
Internal Volume	Approx 3.5 mL	Approx 0.8 mL	Approx 0.8 mL
Wetted Materials	PEEK, PTFE	PEEK, FEP	PEEK, FEP
Thread Size	No.10-32 UNF	No.10-32 UNF	No.10-32 UNF
Dimensions	OD 50 mm × 36.5 mm length	OD 45 mm × 150 mm length	OD 45 mm × 33 mm length
Weight	Approx 0.3 kg	Approx 0.3 kg	Approx 0.3 kg
Order Code	PDM-F001	PDM-F003	PDM-F002

Side Panels for Valve and Pulse Damper

Manual valves such as sample injector, compact valves and pulsation damper can be installed on the side of all FLOM pumps



Side Panel 4512
Injector Type



Side Panel 4513
Injector/Damper Type



Side Panel 4514
Compact Valve Type

Product Name	Side Panel		
Part Number	4512	4513	4514
Pump Type	UI Series, MP Series, SP Series, DP-11		
Attachable Parts	VI-11, VI-12, MI-11, V05	VI-11, VI-12, MI-11, V05	V200, V201, V204, V239, V512
Damper Attachable	No	Yes	No
Dimensions	144 (H) × 60 (W) × 44 (D) mm, excluding protuberances		
Order code	PB1001-10	PB1001-09	PB1001-11