

High Pressure Single Syringe Pump

High Precision Fluid Injection

The syringe pumps are designed for applications requiring accurate pulseless flow and pressure control for delivery of low viscosity liquids. The pumps are capable of constant flow operation over a wide pressure range. The pump design incorporates motor driven piston, pressure and an optional temperature measurement to comply with most application requirements. The pump architecture gives user control flexibility.



Specification	HPS-BR51	HPS-PR51
Volume	500 ml	500 ml
Pressure Accuracy	0.1% F.S.	0.1% F.S.
Max Flow Rate	50 ml/min	50 ml/min
Min Flow Rate	0.05 ml/min	0.01 ml/min
Flow Accuracy	± 0.05 ml/min	± 0.01 ml/min
Max. Working Pressure	6000 Psi	6000 Psi
Input Power Supply	220 VAC, 50Hz	380 VAC 3 Phase, 50/60 Hz
Stainless Steel 316 Wetted Material (Other on Request)	✓	✓
Pulseless Constant Flow/Constant Pressure Modes	✓	✓
Injection/Withdrawal Modes	✓	✓
Computer Controlled System	✓	✓
User Friendly Automated Data Acquisition, And Reporting Software	✓	✓
Triple Position Safety Limit	✓	✓
Dual Pressure Safety Limit	✓	✓
Linear Sensor Controller	✗	✓

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