

Rotary Piston Dispensing Pump

SV-SL Series



Dispense Volume
0 - 70ml
Viscosity
Low to High (>20,000 cps) With or Without Particles
Applications
As well as the Pharmaceutical industry, these pumps can also be used by the Cosmetic, Technical, and Battery industries.



Details

Precision
Pneumatic Drive

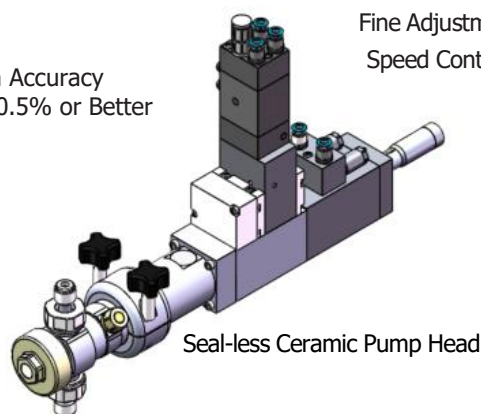
Easy Disassembly - No Tools Required

Precision
Servo Speed
Control

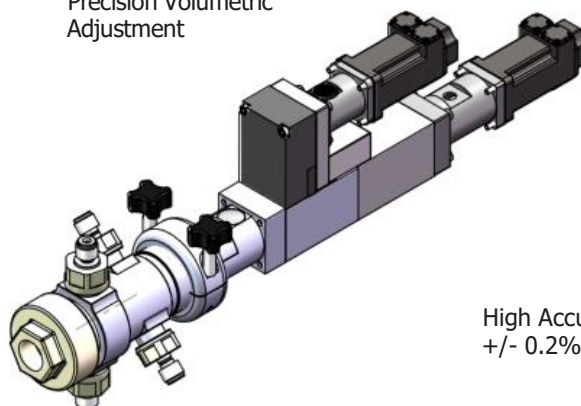
High Accuracy
+/- 0.5% or Better

Fine Adjustment
Speed Control

Precision Volumetric
Adjustment



Seal-less Ceramic Pump Head



High Accuracy
+/- 0.2% or Better

Heated Pump options available

Configurable Inlet & Outlet Fittings

No Dynamic Seals or O-rings

SL-SV Pump Models			Maximum Dispensing	Piston Stroke		Piston Diameter		Cycle Speed	Air Consumption	Weight
	Pneumatic	Electric	Volume (cc)	mm	inch	mm	inch	(cpm) ^A	scfm (l/min) ^B	lbs (kg) ^C
SV0.3SL	P	E	0.34	19.1	0.75	4.8	0.19	0-120	1.5 (43)	12.5 (5.7)
SV2SL			1.85			11.1	0.44			
SV4SL			3.77			15.9	0.63			
SV7SL			7.24	25.4	1	19.1	0.75	0-120	0.8 (21.5)	18 (8.2)
SV20SL			20.11			31.8	1.25			
SV40SL			40.2	50.8	2	31.8	1.25	0-80	0.7 (19.5)	24 (10.9)
SV70SL			70.0			70.0	2.36	0-30	0.6 (17)	26 (11.8)

^ADepending on the application and dispensing volume, the maximum cycle rate will vary

^BCalculated at full stroke at 100cpm up to SV20SL and 80cpm for SV40SL, 30cpm for SV70SL with 75 PSI (5 Bar) ^C Pneumatic Drive Only

SMALL VOLUME – SEALLESS

Europe: sales@hife-europe.com – South America: sales@hife-brasil.com