

Stainless Steel Syringes



New Era supplies a full range of stainless syringes from 1mL to 200mL. The syringes can handle 750psi (1500psi for the 8ml), high temperatures and highly corrosive chemicals. Highly corrosive chemicals may require an upgrade in O'Ring.

Part #	Size	PSI	Included Fitting	Price each
SYR-SS1	1mL	750	None, 1/4-28 Thread	\$350.00
SYR-SS1SL8	1mL	750	1/8 SwageLok	\$395.00
SYR-SS1SL16	1mL	750	1/16 SwageLok	\$395.00
SYR-SS1LL	1mL	750	Luer-Lok	\$395.00
SYR-SS3	3mL	750	None, 1/4-28 Thread	\$375.00
SYR-SS3SL8	3mL	750	1/8 SwageLok	\$445.00
SYR-SS3SL16	3mL	750	1/16 SwageLok	\$445.00
SYR-SS3LL	3mL	750	Luer-Lok	\$445.00
SYR-SS5	5mL	750	None, 1/4-28 Thread	\$410.00
SYR-SS5SL8	5mL	750	1/8 SwageLok	\$475.00
SYR-SS5SL16	5mL	750	1/16 SwageLok	\$475.00
SYR-SS5LL	5mL	750	Luer-Lok	\$475.00
SYR-SS8	8mL	1500	None, 1/4-28 Thread	\$643.00
SYR-SS8SL8	8mL	1500	1/8 SwageLok	\$740.00
SYR-SS8SL16	8mL	1500	1/16 SwageLok	\$740.00
SYR-SS8LL	8mL	1500	Luer-Lok	\$740.00
SYR-SS20	20mL	750	None, 3/8-24 Thread	\$510.00
SYR-SS20SL4	20mL	750	1/4 SwageLok	\$575.00
SYR-SS20SL8	20mL	750	1/8 SwageLok	\$575.00
SYR-SS20SL16	20mL	750	1/16 SwageLok	\$575.00
SYR-SS20LL	20mL	750	Luer-Lok	\$575.00
SYR-SS50	50mL	750	None, 3/8-24 Thread	\$595.00
SYR-SS50SL4	50mL	750	1/4 SwageLok	\$650.00
SYR-SS50SL8	50mL	750	1/8 SwageLok	\$650.00
SYR-SS50SL16	50mL	750	1/16 SwageLok	\$650.00
SYR-SS50LL	50mL	750	Luer-Lok	\$650.00
SYR-SS100	100mL	750	None, 3/8-24 Thread	\$685.00
SYR-SS100SL4	100mL	750	1/4 SwageLok	\$750.00
SYR-SS100SL8	100mL	750	1/8 SwageLok	\$750.00
SYR-SS100SL16	100mL	750	1/16 SwageLok	\$750.00
SYR-SS100LL	100mL	750	Luer-Lok	\$750.00

Part #	Size	PSI	Included Fitting	Price each
SYR-SS200	200mL	750	None, 3/8-24 Thread	\$750.00
SYR-SS200SL4	200mL	750	1/4 SwageLok	\$825.00
SYR-SS200SL8	200mL	750	1/8 SwageLok	\$825.00
SYR-SS200SL16	200mL	750	1/16 SwageLok	\$825.00
SYR-SS200LL	200mL	750	Luer-Lok	\$825.00

Stainless Steel Syringe O-Rings



Stainless steel syringes come standard with a Viton O-Ring. Chemraz® O-Rings are ordered separately and are for applications requiring higher chemical resistance.

Part #	Description	Price each
SYRP-SSORV5	Viton, 5mL Replacement O'Rings	\$35.00
SYRP-SSORK5	Chemraz® 5mL O'Rings	\$250.00
SYRP-SSORV8	Viton 1, 3 & 8mL Replacement O'Rings	\$35.00
SYRP-SSORK8	Chemraz® 1, 3 & 8mL O'Rings	\$250.00
SYRP-SSORV20	Viton, 20mL Replacement O'Rings	\$35.00
SYRP-SSORK20	Chemraz® 20mL O'Rings	\$275.00
SYRP-SSORV50	Viton 50mL Replacement O'Rings	\$35.00
SYRP-SSORK50	Chemraz® 50mL O'Rings	\$430.00
SYRP-SSORV100	Viton 100mL Replacement O'Rings	\$35.00
SYRP-SSORK100	Chemraz® 100mL O'Rings	\$420.00
SYRP-SSORV200	Viton 200mL Replacement O'Rings	\$35.00
SYRP-SSORK200	Chemraz® 200mL O'Rings	\$460.00

Stainless Steel Syringe Fittings



You can buy stainless steel syringes with or without fittings. They are also available to be purchased separately if needed. All fittings are pressure rated for all syringes they connect to.

Need to heat your syringe?

The Syringe Heater Kit, you can find in the accessory section, will heat all sizes of syringes up to 220°C.

Stainless Steel Syringes

Maximum & Minimum Flow Rates

	Syringe (cc)	Inside Diameter (mm)	Maximum Rate (mL/hr)	Minimum Rate (μ l/hr)	Maximum Rate (mL/min)
NE-1000*	1ml	9.538	218.6	3.005	3.644
	3ml	9.538	218.6	3.005	3.644
	5ml	12.7	387.6	5.326	6.46
	8ml	9.538	218.6	3.005	3.644
	20ml	19.13	879.5	12.09	14.65
	50ml	28.6	1965	27.01	32.76
	100ml	34.93	2932	40.29	48.87
	200ml	44.75	4813	66.13	80.21
NE-1010**	1ml	9.538	787.5	6.009	13.12
	3ml	9.538	787.5	6.009	13.12
	5ml	12.7	1396	10.66	23.26
	8ml	9.538	787.5	6.009	13.12
	20ml	19.13	3167	24.17	52.79
	50ml	28.6	7080	54.03	118
	100ml	34.93	9999	80.58	176
	200ml	44.75	9999	132.3	288.9

*Flow rates for the NE-1000 also apply to the following pumps:
NE-500, NE-501, NE-500L, & NE-501L.

**Flow rates for the NE-1010 also apply to the following pumps:
NE-510, NE-511, NE-510L, & NE-511L.