

Glass Syringes: Standard & Gas Tight

New Era offers an array of glass syringes, both standard and gas tight. Glass syringes are compatible with a wide range of chemical applications.

Gas Tight Syringes

- Range from 50 μ L to 100 mL
- Operate between 100 psi to 400 psi
Syringe dependent



- Longest lifespan
- Comes with metal Fixed Luer Lock Tips (removable on 50, 100 mL)
- Suitable for chromatography
- Made with Borosilicate Glass
- PTFE tipped, replaceable plunger
- Nickel plated brass barrel flange
- Manufactured in Australia

Model #	Size	PSI/kPa Limits	Temp Limits	Price Each
SYR-GL50MCLL-S	50 μ L	400 / 2758	70°C	\$112.70
SYR-GL100MCLL-S	100 μ L	400 / 2758	70°C	\$89.50
SYR-GL250MCLL-S	250 μ L	400 / 2758	70°C	\$86.70
SYR-GL500MCLL-S	500 μ L	400 / 2758	70°C	\$89.50
SYR-GL1LL-S	1 mL (*)	400 / 2758	70°C	\$81.90
SYR-GL2.5LL-S	2.5 mL (*)	400 / 2758	70°C	\$79.30
SYR-GL5LL-S	5 mL (*)	400 / 2758	70°C	\$79.30
SYR-GL10LL-S	10 mL (*)	200 / 1379	70°C	\$141.50
SYR-GL25LL-S	25 mL (*)	100 / 689	70°C	\$236.10
SYR-GL50LL-S	50 mL (+)	100 / 689	120°C	\$296.20
SYR-GL100LL-S	100 mL(++)	100 / 689	120°C	\$449.60
SYRP-SSML-S	Replacement Luer Lock: 7/16 UNEF Metal Thread			\$64.40

Standard Syringes

- Range from 1 mL to 100 mL
- Operate between 22 psi to 43 psi

Model #	Size	PSI/kPa Limits	Temp Limits	Price Each
SYR-GL1LL	1 mL	43.5 / 300	200°C	\$43.00
SYR-GL2LL	2 mL	43.5 / 300	200°C	\$32.00
SYR-GL3LL	3 mL	43.5 / 300	200°C	\$32.00
SYR-GL5LL	5 mL	43.5 / 300	200°C	\$32.00
SYR-GL10LL	10 mL	29 / 200	200°C	\$40.80
SYR-GL20LL	20 mL	29 / 200	200°C	\$48.50
SYR-GL30LL	30 mL (+)	29 / 200	200°C	\$69.40
SYR-GL50LL	50 mL (+)	21.8 / 150	200°C	\$92.50
SYR-GL100LL	100 mL (+)	21.8 / 150	200°C	\$312.50



- Metal Luer Lock tips
- Interchangeable, Borosilicate Glass barrel and plunger
- Manufactured in Germany

Pusher Block Modification Kits for Indicated Glass Syringes

Select by pump model series and syringe reference. Improves fit of certain glass syringes in the pusher block.

	NE-10xx, NE-5xx, NE-5xxL		NE-4000, NE-450x, NE-450xL	
	Part #	Price	Part #	Price
(+)	ANTISYPHON-MOD-01	\$2.00	ANTISYPHON-MOD-DBL-01	\$3.00
(++)	ANTISYPHON-MOD-02	\$10.00	ANTISYPHON-MOD-DBL-02	\$13.00
(*)	Plunger Adapter Plate, 6-32 Thread		P-SYRADPT	\$5.00

Maximum & Minimum Glass Syringe Flow Rates

Models: SyringeONE (SKU: 1000, 1010)

	Syringe (mL)	Inside Diameter (mm)	Minimum Rate ($\mu\text{L/hr}$)	Maximum Rate (mL/min) // (mL/hr)
SKU: 1000* with Standard Glass Syringes	1 mL	6.7	1.483	1.798 // 107.8
	2 mL	8.91	2.622	3.18 // 190.8
	3 mL	9.06	2.711	3.288 // 197.2
	5 mL	11.75	4.559	5.53 // 331.8
	10 mL	14.67	7.107	8.62 // 517.2
	20 mL	19.62	12.72	15.42 // 925.2
	30 mL	22.69	17.01	20.62 // 1237
	50 mL	26.96	24.01	29.11 // 1746
SKU: 1010** with Gas Tight Glass Syringes	.5 mL	3.257	0.701	1.53 // 91.82
	1 mL	4.606	1.402	3.06 // 183.6
	2.5 mL	7.284	3.505	7.65 // 459.2
	5 mL	10.3	7.007	15.3 // 918.3
	10 mL	14.57	14.03	30.62 // 1837
	25 mL	23.03	35.03	76.52 // 4591
	50 mL	27.5	49.95	109.1 // 6546
	100 mL	34.99	80.86	166.65 // 9999

***SKU: 1000 Flow rates also apply to the following pumps:**

SKU: 500, 501, 500L, 501L.

****SKU: 1010 Flow rates also apply to the following pumps:**

SKU: 510, 511, 510L, 511L.



NewEra
pump systems

**138 Toledo Street
Farmingdale,
New York 11735**



+1.631.249.1392



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SyringePump.com**



info@SyringePump.com