

GLASS SYRINGES STANDARD & GAS TIGHT

KFTechnology supplies a full range of glass syringes from 50µL to 100mL in gas tight quality and 1mL to 100mL in standard quality. Standard glass can handle between 22 to 43psi while the gas tight can handle from 100psi to upwards of 400psi depending on the syringe.

Standard Glass Syringes

Part #	Size	PSI/KPA Limits	Temp Limits
SYR-GL1LL	1mL	43.5 / 300	200 °C
SYR-GL2LL	2mL	43.5 / 300	200 °C
SYR-GL3LL	3mL	43.5 / 300	200 °C
SYR-GL5LL	5mL	43.5 / 300	200 °C
SYR-GL10LL	10mL	29 / 200	200 °C
SYR-GL20LL	20mL	29 / 200	200 °C
SYR-GL30LL	30mL	29 / 200	200 °C
SYR-GL50LL	50mL	21.8 / 150	200 °C
SYR-GL100LL	100mL	21.8 / 150	200 °C



- Tips are Metal Luer Lock
- Barrel and plunger are made from Borosilicate Glass and are interchangeable
- Manufactured in Germany
- Chemically compatible for a wide range of applications
- Good basic reusable syringe

SGE Gas Tight Glass Syringes

Part #	Size	PSI/KPa Limits	Temp Limits
SYR-GL50MCLL-S	50uL	400 / 2758	70 °C
SYR-GL100MCLL-S	100uL	400 / 2758	70 °C
SYR-GL250MCLL-S	250uL	400 / 2758	70 °C
SYR-GL500MCLL-S	500uL	400 / 2758	70 °C
SYR-GL1LL-S	1mL	400 / 2758	70 °C
SYR-GL2.5LL-S	2.5mL	400 / 2758	70 °C
SYR-GL5LL-S	5mL	400 / 2758	70 °C
SYR-GL10LL-S	10mL	200 / 1379	70 °C
SYR-GL25LL-S	25mL	100 / 689	70 °C
SYR-GL50LL-S	50mL	100 / 689	120 °C
SYR-GL100LL-S	100mL	100 / 689	120 °C



- Longest working life in the industry
- All SGE syringes come with metal Fixed Luer Lock Tips except for the 50 & 100 mL which are removable
- Suitable for chromatography applications
- Barrel made from Borosilicate Glass
- PTFE tipped plunger
- Able to replace the plunger
- Nickel plated brass barrel flange
- Manufactured in Australia
- Chemically compatible for a wide range of applications

Maximum & Minimum Flow Rates

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

*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.

KFTechnology
LIFE SCIENCE TOOLS

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