

SYRINGES

CG-3080 SYRINGE, POLYPROPYLENE

These all polypropylene syringes are latex free and contain no rubber or silicone. The plastic plunger has a smooth draw and a positive safety stop to prevent accidental spills. Syringes are individually sterile strip packed. The Luer tip for the 1, 3 and 5mL sizes is centric to the barrel. The 10, 20 and 50mL sizes have a Luer tip which is off-set from the barrel. The 1mL syringe is a long, thin Tuberculin style.

Part Number	Capacity (mL)	Tip Style	Pkg Qty
CG-3080-01	1	Centric	100
CG-3080-02	3	Centric	100
CG-3080-04	5	Centric	100
CG-3080-06	10	Offset	100
CG-3080-08	20	Offset	100
CG-3080-11	50	Offset	30

CG-3081 SYRINGE, POLYPROPYLENE, LUER LOCK

All polypropylene syringes with a Luer Lock. The plastic plunger has a smooth draw and positive safety stop to prevent accidental spills. Syringes are individually sterile strip packed.

Part Number	Capacity (mL)	Pkg Qty
CG-3081-01	3	100
CG-3081-02	5	100
CG-3081-03	10	100
CG-3081-04	20	100
CG-3081-05	30	50
CG-3081-06	50	30

CG-3070 SYRINGE, LUER LOCK

Borosilicate glass syringes have interchangeable barrels and plungers. Colored plunger ends identify the capacity of the syringe. Flanges are flat on two sides to prevent syringe from rolling. All sizes of syringes are equipped with a metal luer lock and permanently fused graduations. For needles see CG-3075.

Part Number	Capacity (mL)	Subdivisions (cc)
CG-3070-01	2	1/10
CG-3070-03	5	1/5
CG-3070-04	10	1/5
CG-3070-05	20	1
CG-3070-06	30	1
CG-3070-07	50	2

CG-3072 SYRINGE, MICRO, KLOEHN

Basic micro syringe used for the precise liquid delivery in volumes of 10 to 100uL. The accuracy of these syringes is $\pm 1\%$ of the total volume with the repeatability of dispensed volume being $\pm 1\%$. This precision and accuracy is a direct result of the close tolerances of the stainless steel plunger rod, custom shrinking and polishing of the glass bore. Each syringe plunger is individually hand fitted, assembled into the glass bore and tested to be liquid tight to 80 PSI. The plungers and barrels are not interchangeable.

Part Number	Capacity (uL)	Needle Connection Type	Supplied Needle Gauge
CG-3072-03	10uL	Fixed	26s
CG-3072-04	10uL	Removable	26s
CG-3072-05	25uL	Fixed	22s
CG-3072-06	25uL	Removable	22s
CG-3072-07	50uL	Fixed	22s
CG-3072-08	50uL	Removable	22s
CG-3072-09	100uL	Fixed	22s
CG-3072-10	100uL	Removable	22s



CG-3080-04



CG-3081



CG-3070



CG-3072-07
Fixed



CG-3072-08
Removable

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SYRINGES



CG-3074-29



CG-3074-34

CG-3074 SYRINGE, MICRO, GAS-TIGHT, KLOEHN

Syringes are designed for use in both liquid and gas chromatography. Due to the all-Teflon tip, they can also handle highly corrosive or Ultra-pure liquids. With the exacting tolerances held in the manufacture of these syringes, all components are interchangeable within each size range. Available in capacities from 5uL to 50mL with a choice of the listed end terminations. Fixed and removable needle syringes are supplied with needles that are 2" long with point style "A" (22° bevel). **PLEASE NOTE: TEFLON LUER TIP OR LUER LOCK SYRINGES ARE NOT SUPPLIED WITH NEEDLES. FOR NEEDLES SEE CG-3075.**

Part Number	Capacity (uL or mL)	Needle Connection Type	Supplied Needle Gauge
CG-3074-01	5 uL	Fixed	26s
CG-3074-02	5 uL	Removable	26s
CG-3074-03	10 uL	Fixed	26s
CG-3074-04	10 uL	Removable	26s
CG-3074-05	25 uL	Fixed	22s
CG-3074-06	25 uL	Removable	22s
CG-3074-07	50 uL	Fixed	22s
CG-3074-08	50 uL	Removable	22s
CG-3074-10	50 uL	Teflon Luer Lock	---
CG-3074-11	100 uL	Fixed	22s
CG-3074-12	100 uL	Removable	22s
CG-3074-14	100 uL	Teflon Luer Lock	---
CG-3074-15	250 uL	Fixed	22s
CG-3074-16	250 uL	Removable	22s
CG-3074-18	250 uL	Teflon Luer Lock	---
CG-3074-19	500 uL	Fixed Needle	22
CG-3074-20	500 uL	Removable	22
CG-3074-22	500 uL	Teflon Luer Lock	---
CG-3074-23	1.0 mL	Fixed Needle	22
CG-3074-25	1.0 mL	Teflon Luer Lock	---
CG-3074-26	1.25 mL	Fixed Needle	22
CG-3074-28	1.25 mL	Teflon Luer Lock	---
CG-3074-29	2.5 mL	Fixed Needle	22
CG-3074-31	2.5 mL	Teflon Luer Lock	---
CG-3074-34	5.0 mL	Teflon Luer Lock	---
CG-3074-35	10.0 mL	Teflon Luer Lock	---
CG-3074-36	25.0 mL	Teflon Luer Lock	---
CG-3074-37	50.0 mL	Teflon Luer Lock	---



CG-3075 NEEDLE, SYRINGE

Needle for CG-3070 and CG-3074 syringes. All needles are made of #304 full hard stainless steel and have a 22° beveled point for septum penetration along with general use. Hubbed needles are available with a choice of metal or CTFE hubs. Removable needles come complete with the Teflon ferrule necessary for assembly.

Removable Needle:

Part Number	Needle Gauge x Length (in)	OD x ID of Needle (in)	Pkg Qty
CG-3075-01	22s x 2.5	0.028 x 0.006	3
CG-3075-02	26s x 2.5	0.018 x 0.004	3
CG-3075-03	26 x 2.5	0.018 x 0.010	3
CG-3075-04	28 x 2.5	0.014 x 0.006	3

Metal Hubbed Needle:

Part Number	Needle Gauge x Length (in)	OD x ID of Needle (in)	Pkg Qty
CG-3075-10	17 x 2.5	0.058 x 0.042	6
CG-3075-11	18 x 2.5	0.049 x 0.033	6
CG-3075-12	20 x 2.5	0.035 x 0.023	6
CG-3075-13	21 x 2.5	0.032 x 0.020	6
CG-3075-14	22s x 2.5	0.028 x 0.006	6
CG-3075-15	22 x 2.5	0.028 x 0.016	6
CG-3075-16	23 x 2.5	0.025 x 0.013	6
CG-3075-17	26s x 2.5	0.018 x 0.004	6
CG-3075-18	26 x 2.5	0.018 x 0.010	6
CG-3075-40	18 x 6	0.049 x 0.033	3
CG-3075-41	18 x 12	0.049 x 0.033	3
CG-3075-42	22 x 6	0.028 x 0.016	3

CTFE Hubbed Needle:

Part Number	Needle Gauge x Length (in)	OD x ID of Needle (in)	Pkg Qty
CG-3075-20	17 x 2.5	0.058 x 0.042	6
CG-3075-21	18 x 2.5	0.049 x 0.033	6
CG-3075-22	20 x 2.5	0.035 x 0.023	6
CG-3075-23	21 x 2.5	0.032 x 0.020	6
CG-3075-24	22s x 2.5	0.028 x 0.006	6
CG-3075-25	22 x 2.5	0.028 x 0.016	6
CG-3075-26	23 x 2.5	0.025 x 0.013	6
CG-3075-27	26s x 2.5	0.018 x 0.004	6
CG-3075-28	26 x 2.5	0.018 x 0.010	6



CG-3075-04



CG-3075-18