

LC syringes

Specifications			
Accuracy and reproducibility	±1% (dispensed volume)	Scale length	5 µL to 10 µL = 54.1 mm 25 µL to 2.5 mL = 60 mm
Borosilicate glass barrel outer diameter (OD)	5 µL and 10 µL = 6.5 mm 25 µL to 500 µL = 8 mm 1 mL = 8.8 mm 2.5 mL = 10.8 mm	International standards traceability	✓

Syringes listed in the following part number table are suitable for:

- Beckman/Altex
- Rheodyne
- SSI instruments
- Valco valves



Beckman/Altex, Rheodyne, SSI instruments and Valco valves

Part number	Part description and detail	Replacement needle	Replacement plunger
001301	5 µL fixed needle syringe with 5.1 cm 0.72 mm OD LC needle	-	-
002300	10 µL fixed needle syringe with Superflex plunger and 5.1 cm 0.72 mm OD LC needle	-	-
002301	10 µL fixed needle syringe with 5.1 cm 0.72 mm OD LC needle	-	-
002313	10 µL removable needle syringe with GT plunger and 5.1 cm 0.72 mm OD LC needle	037250	031811
002315	10 µL fixed needle syringe with 5.1 cm 0.72 mm OD LC needle PK6	-	-
002330	10 µL fixed needle syringe with Superflex plunger and 5.1 cm 0.72 mm OD LC needle PK6	-	-
002335	10 µL fixed needle syringe with GT plunger and 5.1 cm 0.72 mm OD LC needle	-	031810
003300	25 µL fixed needle syringe with 5.1 cm 0.72 mm OD LC needle	-	-
003312	25 µL removable needle syringe with GT plunger and 5.1 cm 0.72 mm OD LC needle	038250	031815
004300	50 µL fixed needle syringe with 5.1 cm 0.72 mm OD LC needle	-	-
004312	50 µL removable needle syringe with GT plunger and 5.1 cm 0.72 mm OD LC needle	038250	031820
005300	100 µL fixed needle syringe with 5.1 cm 0.72 mm OD LC needle	-	-
005312	100 µL removable needle syringe with GT plunger and 5.1 cm 0.72 mm OD LC needle	038250	031825
006300	250 µL fixed needle syringe with 5.1 cm 0.72 mm OD LC needle	-	-
006310	250 µL removable needle syringe with 5.1 cm 0.72 mm OD LC needle	-	-
006312	250 µL removable needle syringe with GT plunger and 5.1 cm 0.72 mm OD LC needle	038250	031830
007300	500 µL fixed needle syringe with and 5.1 cm 0.72 mm OD LC needle	-	-
007310	500 µL removable needle syringe with 5.1 cm 0.72 mm OD LC needle	038250	-
007312	500 µL removable needle syringe with GT plunger and 5.1 cm 0.72 mm OD LC needle	038250	031835
008105	1 mL removable needle syringe with GT plunger and 5.1 cm 0.72 mm OD LC needle	039250	031842
008505	2.5 mL removable needle syringe with GT plunger and 5.1 cm 0.72 mm OD LC needle	039250	031842

Expert tips

Users of Valco injectors requiring 3/4" long needles, must fit a Valco VISF-2 adaptor.

When using the complete loop fill technique, the syringe capacity should be greater than twice the loop volume. The loop capacity sets the injection volume.

When using the partial loop technique, the injection volume should be no greater than half the loop capacity. The injection size sets the injection volume.