



CHROMATOGRAPHIC SPECIALTIES INC.



800 vs 900 Series Microliter Syringes

What's the difference between the 800 Series Microliter Syringe and the 900 Series Microliter Syringe?

800 Series Microliter Syringe provides:

- Ability to replace components
- A wider range of syringe volumes from 5 µL to 250 µL.



900 Series Microliter Syringe:

- Cannot replace components
- A range of syringe volumes from 5 µL to 10 µL.



Replaceable Components?				
Series	Holder (replaceable)	Glass Barrel / Plunger (replaceable)	Glass Barrel / Cemented Needle (replaceable)	Volume Range (replaceable)
800 Series	YES	YES	YES	5 µL - 250 µL
900 Series	NO	NO	NO	5 µL - 10 µL

Which 800 Series Microliter Syringe replaces my 900 Series Microliter Syringe?

900 Series Microliter Syringe		800 Series Microliter Syringe	
Part#	Description	Part#	Description
H764701	5 µL, Model 95 Removable Needle (RN) Needle Sold Separately	H764101	5 µL, Model 85 Removable Needle (RN) Needle Sold Separately
H87920	5 µL Model 95 N, Cemented Needle 26s ga, 2", Pt2	H84850	5 µL Model 85 N, Cemented Needle 26s ga, 2", Pt2
H87925	5 µL, Model 95 Removable Needle (RN) 26s ga, 2", Pt2	H84851	5 µL Model 85 RN, Small Removable Needle 26s ga, 2", Pt2
H764801	10 µL, Model 901 Removable Needle (RN) Needle Sold Separately	H764201	10 µL, Model 801 Removable Needle (RN) Needle Sold Separately
H80360	10 µL, Model 901 Cemented Needle (N) 26s ga, 2", Pt2	H84852	10 µL Model 801 N, Cemented Needle 26s ga, 2", Pt2
H80370	10 µL Model 901 Removable Needle (RN) 26s ga, 2", Pt2	H84853	10 µL Model 801 RN, Small Removable Needle 26s ga, 2", Pt2

Specification Comparison

Series	Volume	Barrel Inner Diameter	Stroke Length	Operating Pressure	Operating Temperature
800	5 µL	0.34 mm	54 mm	14 MPa	10 - 115 °C ¹
900	5 µL	0.34 mm	54 mm	14 MPa	10 - 115 °C ¹
800	10 µL	0.49 mm	54 mm	7 MPa	10 - 115 °C ¹
900	10 µL	0.49 mm	54 mm	7 MPa	10 - 115 °C ¹

¹ If the syringe termination is a cemented needle or Luer tip cemented needle then the maximum temperature is 50 °C.

