

Microliter Syringes | 700 Series



The 700 series is the original Hamilton syringe. It was designed to solve the general liquid handling requirements of manufacturing and research laboratories and remains the industry standard. The stainless steel plunger is manufactured to fit the glass barrel with a tolerance held within millionths of an inch, resulting in unsurpassed syringe life. The plungers and barrels are not interchangeable or replaceable.

Recommended Use: The 700 series is used for manual and automated GC and HPLC injections. Also, it is used for everyday applications that require accurate measuring and dispensing of liquid.

Accessories: PB600 Repeating Dispenser, Reproducibility Adapter, Syringe Guide, and Digital Syringe
Maximum Temperature: Cemented Needle: 122° F (50 ° C)
 All others: 239° F (115° C)
Maximum Pressure: 5 µL – 100 µL: 2,000 PSI
 and all others: 1,000 PSI

700 SERIES ORDERING INFORMATION										
		VOLUME	5 µL	10 µL	25 µL	50 µL	100 µL	250 µL	500 µL	
22 22s "s" indicates thicker wall for added strength		MODEL	75	701	702	705	710	725	750	
		GAUGE	26s	26s	22s	22s	22s	22s	22	
Cemented Needle Syringes		Cemented Needle (N) Syringe (point style 2)	87900	80300 80366 (6/pk)	80400	80500	80600	80700	80800	
		Cemented Needle (N) Syringe (point style 3)	87919	80383 80365 ²	80465	80565	80665	80765 ¹	80865	
		Cemented Needle (N) Syringe (specify needle)	87908	80308	80408	80508	80608	80708	80808	
Removable Needle Syringes & Repl. Needles		Removable Needle (RN) Syringe (point style 2)	87930	80330 80336 (6/pk)	80430	80530	80630	80730	80830	
		Removable Needle (RN) Syringe (needle sold separately)	7634-01	7635-01	7636-01	7637-01	7638-01	7639-01	7640-01	
		Replacement RN Needles (sold separately)	Point Style	Small RN	Small RN	Small RN	Small RN	Small RN	Large RN	Large RN
			2	7758-02	7758-02	7758-03	7758-03	7758-03	7779-03	7779-01
			3	7768-01	7768-01	7770-01	7770-01	7770-01	7780-03	7780-04
			5	7784-07	7784-07	7784-05	7784-05	7784-05	7784-01	7784-02
Luer Tip Syringes & Repl. Needles		Luer Tip (LT) Syringe (needle sold separately)	N/A	80301	80401	80501	80601	80701	80801	
		Replacement Hub Needles (sold separately)	Point Style	Metal Hub	Metal Hub	Metal Hub	Metal Hub	Metal Hub	Metal Hub	Metal Hub
			2	90039	90038	90038	90038	90038	90038	90022
			3	91039	91038	91038	91038	91038	91038	91022
			5	7729-01	7729-02	7729-02	7729-02	7729-02	7729-02	7729-07
				Kel-F Hub	Kel-F Hub	Kel-F Hub	Kel-F Hub	Kel-F Hub	Kel-F Hub	Kel-F Hub
		2	90139	90138	90138	90138	90138	90138	90138	90122
		3	90539	90534	90534	90534	90534	90534	90134	90134
		5	7746-12	7746-11	7746-11	7746-11	7746-11	7746-11	7746-11	7746-06
ACCESSORIES (Syringe not included)										
PB600 Repeating Dispenser			N/A	N/A	83700	83700	83700	83700	83700	
Reproducibility (Chaney) Adapter			14700	14700	14725	14725	14725	14725	14725	
Syringe Guide			14806	14806	14906	14906	14906	14906	14906	
Digital Base Unit			Add the prefix "DS" to the beginning of the syringe's part number. (Base unit not sold separately)							

For Syringe Calibration Service, add the prefix "CAL" to the beginning of the syringe's part number.

Note: Needles are 51 mm
 1) 22 gauge 2) 22s gauge