



# HICHROM

Chromatography Columns and Supplies

LC CONSUMABLES  
AND ACCESSORIES  
Syringes

Catalogue 9

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## SYRINGES

HPLC valve injection syringes utilise needles (point style 3) characterised by a 90° square tip whose edges are chamfered and polished to eliminate damage to the rotor seal and stator face of the injector valve. This style of needle tip is also suitable for pipetting liquids. Please contact Hichrom for details of other syringes available (including syringes for GC).

### Hamilton Syringes

Hamilton MICROLITER® 700 series syringes are the standard syringe used in many laboratories throughout the world. For optimum reproducibility, it is recommended that the barrel should always be filled to its maximum capacity, but the volume injected should not exceed 80% of the syringe volume.

Hamilton GASTIGHT® 1700 series syringes use teflon as the inert plunger seal. With these syringes, liquids only come into contact with glass and teflon. They are recommended for bioanalytical applications.

Glass barrels and syringe plungers of the same capacity are interchangeable for the 1700 series syringes, but not for the 700 series syringes.

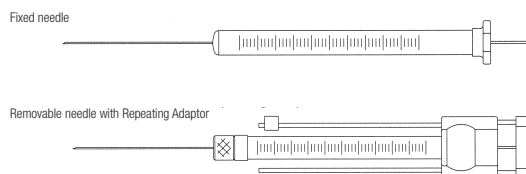
#### Ordering Information - Hamilton HPLC Syringes

Hamilton Syringe Volume (µl)	Model	Catalogue No.	Price
<b>Fixed Needle - 700 Series</b>			
10	701NR	80365	
25	702NR	80465	
50	705NR	80565	
100	710NR	80665	
250	725NR	80765	
500	750NR	80865	
<b>Fixed Needle - 1700 Series</b>			
10	1701NR	80075	
25	1702NR	80275	
50	1705NR	80975	
100	1710NR	81075	
250	1725NR	81175	
500	1750LTN	81216	
<b>Removable Needle - 1700 Series</b>			
10	1701RNR	80065	
25	1702RNR	80265	
50	1705RNR	80965	
100	1710RNR	81065	
250	1725RNR	81165	
500	1750RNR	81265	
<b>Replacement Needles (6/pk) - 1700 Series</b>			
For 10-100µl syringe	-	7770-01	
For 250µl syringe	-	7780-03	
For 500µl syringe	-	7780-04	

Please contact Hichrom for details of syringes not listed.  
GC syringes also available - please enquire.

### SGE Syringes

SGE manufacture an extensive range of HPLC syringes for use with Rheodyne or Valco syringe-loading injection valves. Syringes with either a fixed needle or a removable needle and repeating adaptor are available.



#### Ordering Information - SGE HPLC Syringes

SGE Syringe Volume (µl)	Syringe Code	Catalogue No.	Price
<b>Fixed Needle</b>			
10	10F-LC	002301	
25	25F-LC	003300	
50	50F-LC	004300	
100	100F-LC	005300	
250	250F-LC	006300	
500	500F-LC	007300	
<b>Removable Needle with repeating adaptor</b>			
10	10R-LC-RA6	002345	
25	25R-LC-RA8	003320	
100	100R-LC-RA8	005320	
250	250R-LC-RA8	006320	
500	500R-LC-RA8	007320	
<b>Replacement Needles (5/pk)</b>			
For 10µl syringe	N10-LC	037250	
For 25µl-500µl syringe	N25/500-LC	038250	

### Luer Tip Syringes

To remove contamination from valve sample loops, flushing with a larger volume Luer tip syringe is recommended.

#### Ordering Information

Luer tip syringe	Syringe Code	Catalogue No.	Price
2 ml	-	HI-252	
5 ml	-	HI-255	