

## HPLC Syringes

### 1. Most Common Valves

Rheodyne, Varian, Shimadzu, Knauer, Hewlett Packard/  
Agilent, Beckmann, Valco VISF-2 and Altex valve injectors

Glass Barrel: Borosilicate 3.3  
Precision: <math>\pm 1\%</math> of the volume

Volume	Needle Tip Style Length O.D.	fixed b 51 mm	removable b 51 mm	TLL Luer Lock
<b>Flexible plunger</b>				
5 $\mu$ l	0.72 mm	2161302	2161306	-
10 $\mu$ l	0.72 mm	2161402	2161406	-
<b>Special stainless steel plunger</b>				
5 $\mu$ l	0.72 mm	2101302	2101306	-
10 $\mu$ l	0.72 mm	2101402	2101406	-
25 $\mu$ l	0.72 mm	2101502	2101506	-
50 $\mu$ l	0.72 mm	2101602	2101606	2101609
100 $\mu$ l	0.72 mm	2101702	2101706	2101709
250 $\mu$ l	0.72 mm	2101802	2101806	2101809
500 $\mu$ l	0.72 mm	2101902	2101906	2101909
<b>Special stainless steel plunger with PTFE-seal</b>				
5 $\mu$ l	0.72 mm	2601302	2601306	-
10 $\mu$ l	0.72 mm	2601402	2601406	-
25 $\mu$ l	0.72 mm	2601502	2601506	-
50 $\mu$ l	0.72 mm	2601602	2601606	2601609
100 $\mu$ l	0.72 mm	2601702	2601706	2601709
250 $\mu$ l	0.72 mm	2601802	2601806	2601809
500 $\mu$ l	0.72 mm	2601902	2601906	2601909
1.0 ml	0.72 mm	2601001	2601002	2601003

## HPLC Syringes

### 2. Waters Valves

Glass Barrel: Borosilicate 3.3  
Precision: <math>\pm 1\%</math> of the volume

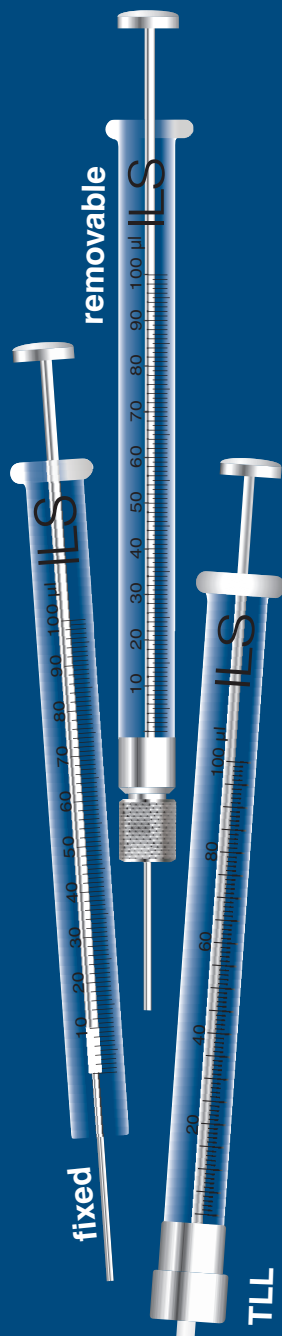
Volume	Needle Tip Style Length O.D.	fixed b 50 mm	removable b 50 mm	TLL Luer Lock
<b>Flexible plunger</b>				
5 $\mu$ l	0.50 mm	2162302	2162306	-
10 $\mu$ l	0.50 mm	2162402	2162406	-
<b>Special stainless steel plunger</b>				
5 $\mu$ l	0.50 mm	2102302	2102306	-
10 $\mu$ l	0.50 mm	2102402	2102406	-
25 $\mu$ l	0.50 mm	2102502	2102506	-
50 $\mu$ l	0.50 mm	2102602	2102606	2102609
100 $\mu$ l	0.50 mm	2102702	2102706	2102709
250 $\mu$ l	0.50 mm	2102802	2102806	2102809
500 $\mu$ l	0.50 mm	2102902	2102906	2102909
<b>Special stainless steel plunger with PTFE-seal</b>				
10 $\mu$ l	0.50 mm	2602402	2602406	-
25 $\mu$ l	0.50 mm	2602502	2602506	-
50 $\mu$ l	0.50 mm	2602602	2602606	2602609
100 $\mu$ l	0.50 mm	2602702	2602706	2602709
250 $\mu$ l	0.50 mm	2602802	2602806	2602809
500 $\mu$ l	0.50 mm	2602902	2602906	2602909
1.0 ml	0.50 mm	2602006	2602007	2602003
2.5 ml	0.50 mm	2602026	-	-
<b>Special stainless steel plunger with extended handle</b>				
5 $\mu$ l	0.50 mm	-	2502304	-
10 $\mu$ l	0.50 mm	-	2502404	-
25 $\mu$ l	0.50 mm	-	2502504	-
50 $\mu$ l	0.50 mm	-	2502604	-
100 $\mu$ l	0.50 mm	-	2502704	-
250 $\mu$ l	0.50 mm	-	2502804	-

## HPLC Syringes

### 3. Valco VISF-1 Valves

Glass Barrel: Borosilicate 3.3  
Precision: <math>\pm 1\%</math> of the volume

Volume	Needle Tip Style Length O.D.	fixed b 19 mm	removable b 19 mm	TLL Luer-Lock
<b>Flexible plunger</b>				
5 $\mu$ l	0.72 mm	2163303	2163307	-
10 $\mu$ l	0.72 mm	2163403	2163407	-
<b>Special stainless steel plunger</b>				
5 $\mu$ l	0.72 mm	2103303	2103307	-
10 $\mu$ l	0.72 mm	2103403	2103407	-
25 $\mu$ l	0.72 mm	2103503	2103507	-
50 $\mu$ l	0.72 mm	2103603	2103607	2103609
100 $\mu$ l	0.72 mm	2103703	2103707	2103709
250 $\mu$ l	0.72 mm	2103803	2103807	2103809
500 $\mu$ l	0.72 mm	2103903	2103907	2103909
<b>Special stainless steel plunger with PTFE-seal</b>				
10 $\mu$ l	0.72 mm	2603403	2603407	-
25 $\mu$ l	0.72 mm	2603503	2603507	-
50 $\mu$ l	0.72 mm	2603603	2603607	2603609
100 $\mu$ l	0.72 mm	2603703	2603707	2603709
250 $\mu$ l	0.72 mm	2603803	2603807	2603809
500 $\mu$ l	0.72 mm	2603903	2603907	2603909
1.0 ml	0.72 mm	2603003	2603007	2603009



## HPLC Syringes for Autosampler

### 1. Gynkotek Dionex Gina, Agilent (HP) 1090A, Hitachi

Plunger: Special stainless steel plunger with PTFE-seal

Glass Barrel: Borosilicate 3.3  
Precision: <math>\pm 1\%</math> of the volume

#### Gynkotek Dionex Gina

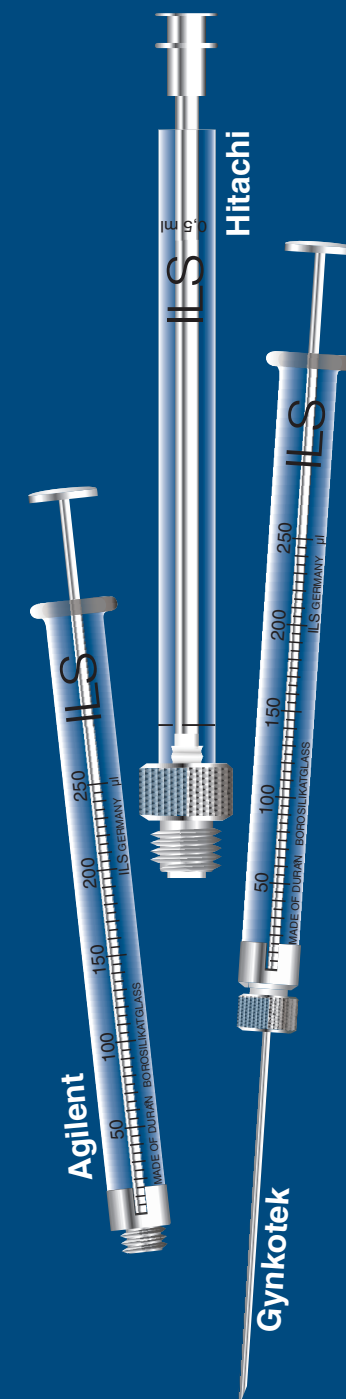
Volume	Needle Tip Style Length Series	removable a 51 mm O.D.	
25 $\mu$ l	H	0.72 mm	2606505
250 $\mu$ l	H	0.72 mm	2606805

#### Hewlett Packard 1090A/Agilent

Volume	Series	Front Fitting	
25 $\mu$ l	H	1/4"-28UNEF	2606500
250 $\mu$ l	H	1/4"-28UNEF	2606800

#### Hitachi L-7200/L-7250/AS2000/AS42000

Volume	Series	Front Fitting	
100 $\mu$ l	H	M10	2611711
500 $\mu$ l	H	M10	2611911
1.0 ml	H	M10	2611011
2.5 ml	H	M10	2611031



# HPLC Syringes for Autosampler

## 2. Waters, Spark, Kontron

**Plunger:** Stainless steel with PTFE-seal

**Glass Barrel:** Borosilicate 3.3

**Precision:** < ±1% of the volume

### Waters WISP®

plastic coated safety syringes

Volume	Series	Front Fitting / Plunger Top	
25 µl	H	¼"-28UNF / 4-40UNC	2663514
250 µl	H	¼"-28UNF / 4-40UNC	2663814

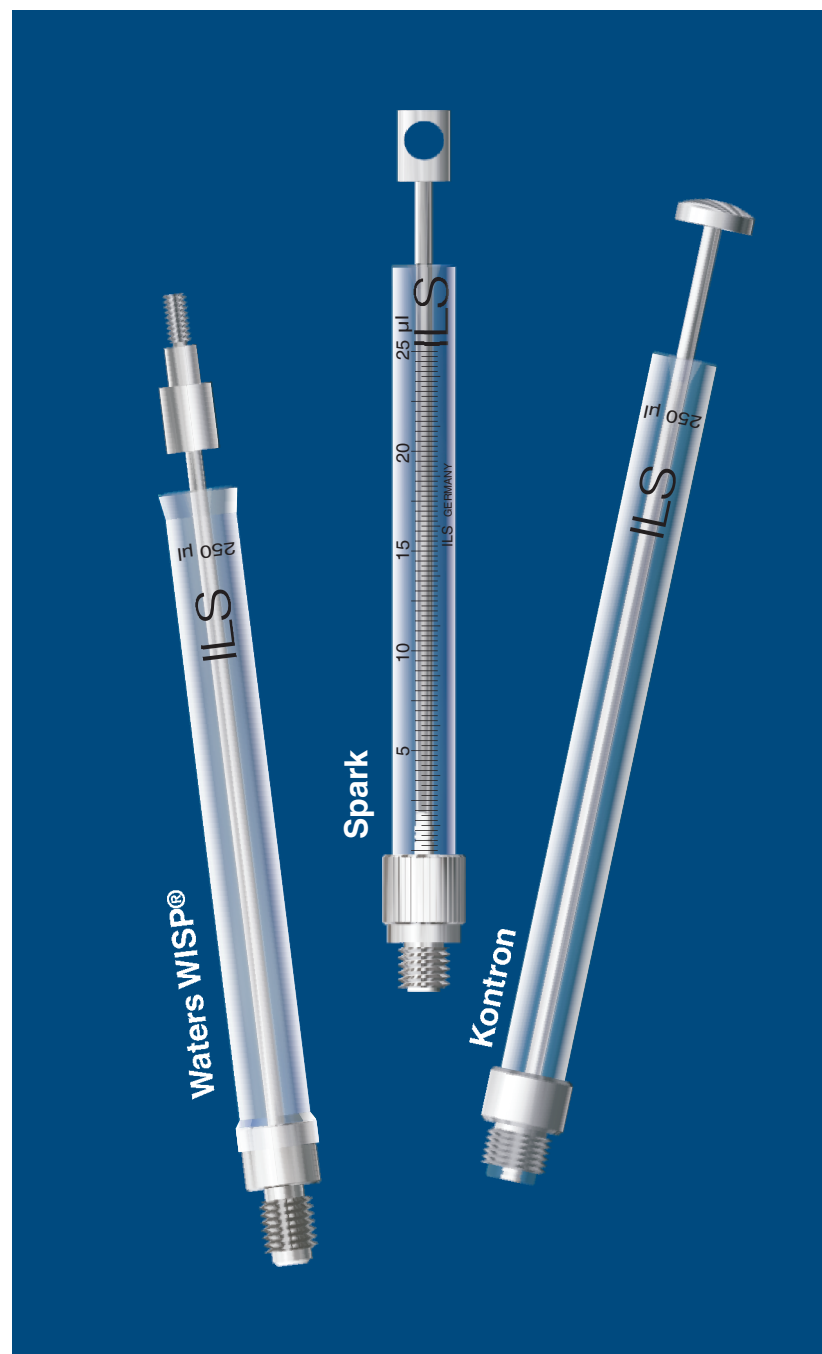
### Spark

Volume	Series	Front Fitting	
25 µl	H	¼"-28UNF	2608517
50 µl	H	¼"-28UNF	2608617
100 µl	H	¼"-28UNF	2608717
250 µl	H	¼"-28UNF	2608817
500 µl	H	¼"-28UNF	2608917
1.0 ml	H	¼"-28UNF	2608017

### Kontron

Volume	Series	Front Fitting	
250 µl	H	M8x0.75	2652816
500 µl	H	M8x0.75	2652916
1.0 ml	H	M8x0.75	2652016
2.5 ml	H	M8x0.75	2652036

Waters WISP®



Kontron



WISP® is a registered trademark of Waters Corporation

## HPLC Syringes for Autosampler

### 3. Perkin Elmer

Glass Barrel: Borosilicate 3.3  
Precision: <math>\pm 1\%</math> of the volume

#### Perkin Elmer Series 200 Autosampler

Volume	H-CX	H-C
Special stainless steel plunger with PTFE-seal		
50 $\mu$ l	2606615	-
250 $\mu$ l	2606815	-
500 $\mu$ l	2606915	-
1.0 ml	-	2606015
2.5 ml	-	2606035

Plunger Top

With thread  
6-32 UNC



With thread  
6-32 UNC



Front Fitting

Screw  
1/4"x28 UNF



Screw  
1/4"x28 UNF



## HPLC Syringes for Autosampler

### 4. LEAP Technologies, CTC, Shimadzu

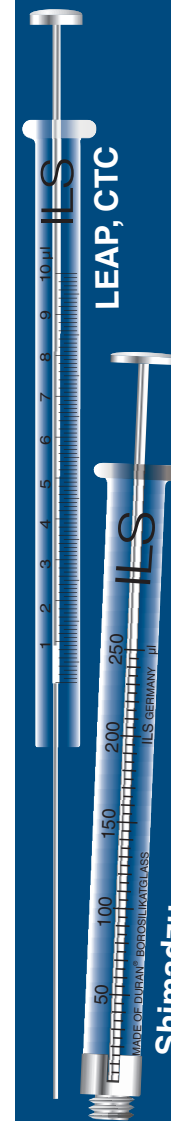
Glass Barrel: Borosilicate 3.3  
Precision: <math>\pm 1\%</math> of the volume

#### LEAP, CTC

Volume	Series	Gauge	Needle Tip Style Length O.D.	fixed b 51 mm
Stainless steel plunger				
10 $\mu$ l	N	22s	0.72 mm	2120402
Stainless steel plunger with PTFE-seal				
10 $\mu$ l	H	22s	0.72 mm	2606416
25 $\mu$ l	H	22s	0.72 mm	2620502
50 $\mu$ l	H	22s	0.72 mm	2620602
50 $\mu$ l	H	22	0.72 mm	2620605
100 $\mu$ l	H	22s	0.72 mm	2620702
100 $\mu$ l	H	22	0.72 mm	2620705
250 $\mu$ l	H	22	0.72 mm	2620805

#### Shimadzu SIL 6A

Volume	Series	Front Fitting	
Special stainless steel plunger with PTFE-seal			
100 $\mu$ l	H	1/4"x28UNEF	2606700



## HPLC Syringes for Autosampler

### 5. Thermo Finnigan, Thermo Separation, Varian

Plunger: Stainless steel with PTFE-seal  
 Glass Barrel: Borosilicate 3.3  
 Precision: <math>\pm 1\%</math> of the volume

Thermo Finnigan  
 Thermo Separation SP 8780/SP 8875/SP 8880  
 Thermo Separation AS 100/AS 300/AS 1000/AS 3000/AS 3500  
 Varian 9090

Volume	Series	Front Fitting	
100 $\mu$ l	H-C	1/4"-28UNF	2606714
250 $\mu$ l	H-C	1/4"-28UNF	2606814
500 $\mu$ l	H-C	1/4"-28UNF	2606914
1.0 ml	H-C	1/4"-28UNF	2606015
2.5 ml	H-C	1/4"-28UNF	2606035



## Syringes for TLC

### CAMAG Linomat III and IV

Glass Barrel: Borosilicate 3.3  
 Precision: <math>\pm 1\%</math> of the volume  
 Needle: especially developed for the needs of the Linomat III and IV

Main Use: Thin Layer Chromatography (TLC)

Volume	Needle fixed
Special stainless steel plunger with PTFE-seal	
100 $\mu$ l	2606702
500 $\mu$ l	2606902

