

# Agilent Automatic Liquid Sampler Instruments

# Gas Chromatography

# Autosampler Syringes

## Product Datasheet

Hamilton maintains a large variety of replacement syringes for the most popular gas chromatography (GC) autosamplers, including the Agilent Automatic Liquid Sampler (ALS) instrument. Agilent has been manufacturing GC autosamplers for more than 40 years. Customers count on the reliability, performance, and flexibility of these instruments, and they need syringes expertly manufactured to meet the exact specifications of these units—Hamilton syringes.

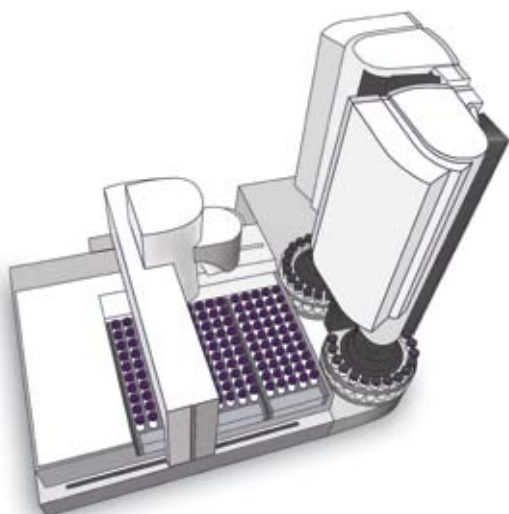
Hamilton has designed a series of syringes specifically for Agilent ALS autosamplers that meets the instruments' requirements for dimensional accuracy, needle length, needle gauge, needle tip and overall lifetime. Every Agilent syringe produced by Hamilton undergoes quality control procedures that ensure they meet the strictest standards for accuracy, precision and product life cycle.

### Benefits of Hamilton Agilent Autosampler Syringes:

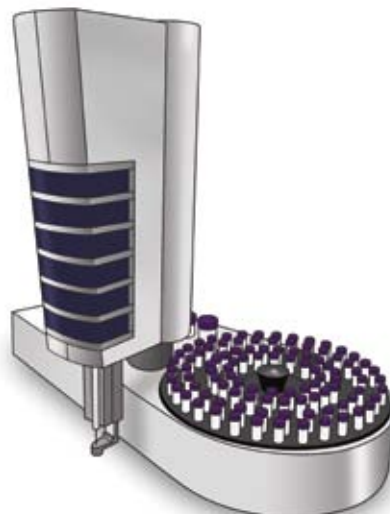
- ▶ Exact Agilent ALS system design ensures perfect compatibility
- ▶ Plunger button designed for easy integration
- ▶ Microliter™ plungers are hand fitted for a smooth, precise injection into the GC
- ▶ Gastight® syringes have a PTFE plunger tip to maintain chemical inertness
- ▶ Unsurpassed accuracy and precision for trusted fluid delivery and results



Hamilton manufactures Agilent syringes to fit the Agilent 7670, 7671 and 7672 autosampler family in addition to the following instrument model families:



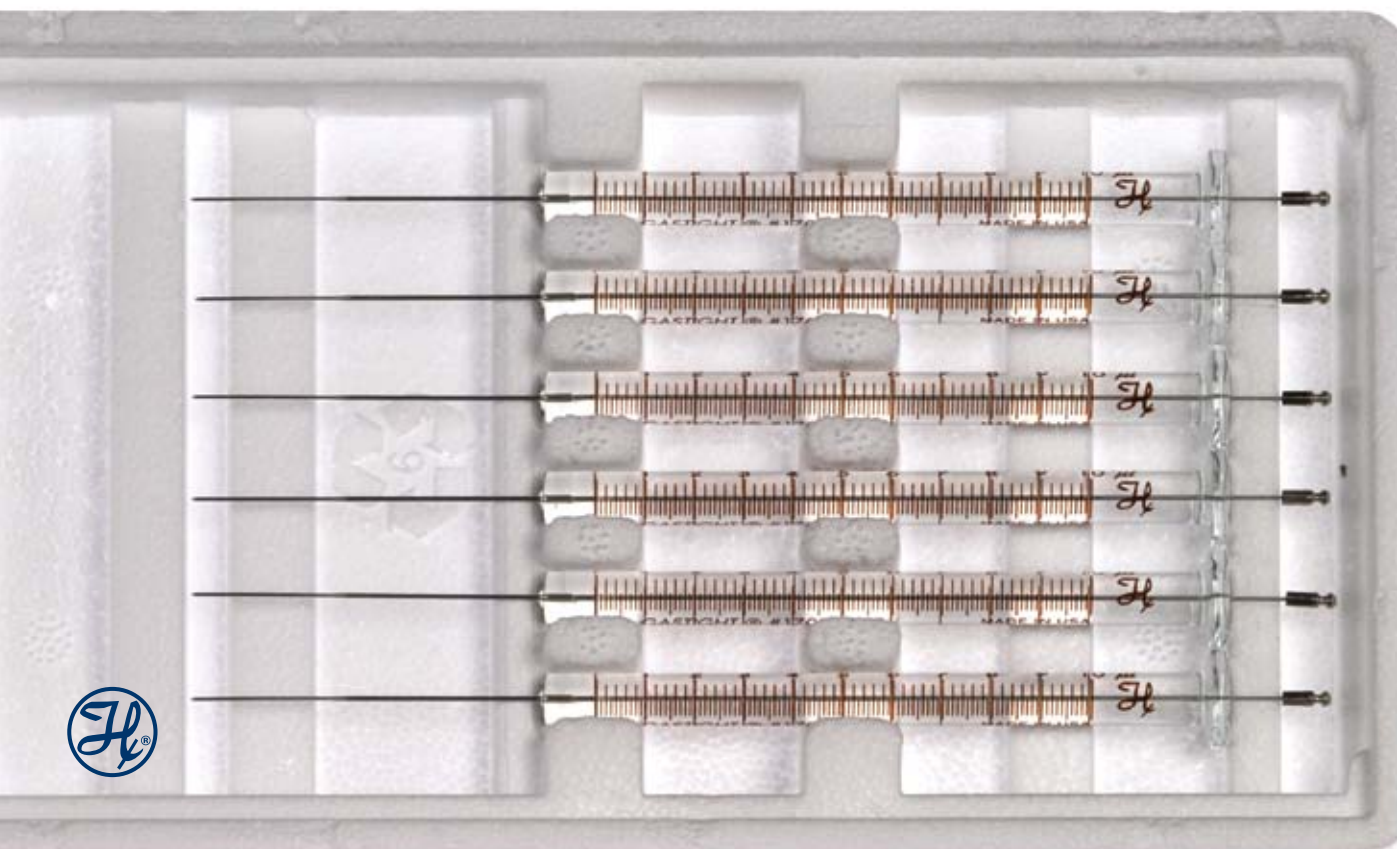
*Agilent 7693 autosampler*



*Agilent 7673, 7683 and 6850 autosampler family*

## Ordering Information

Microliter syringes have a stainless steel plunger that is hand fitted to the glass barrel and are designed for liquid sampling. Gastight syringes have a PTFE plunger tip that creates a tight connection between the syringe barrel and plunger allowing for liquid or gas sampling.



## Cemented Needle Syringes

### Microliter Syringes

Part Number	Volume	Description	Gauge	Point Style	Autosampler Family Compatibility
87987	5 µL	Model 75 N	23s	AS	7693; 7673, 7683 and 6850
87990	5 µL	Model 75 N (6 pack)	23s	AS	7693; 7673, 7683 and 6850
80387	10 µL	Model 701 N	23s	AS	7693; 7673, 7683 and 6850
80390	10 µL	Model 701 N (6 pack)	23s	AS	7693; 7673, 7683 and 6850
87988	5 µL	Model 75 N	26s	AS	7693; 7673, 7683 and 6850
87989	5 µL	Model 75 N (6 pack)	26s	AS	7693; 7673, 7683 and 6850
80388	10 µL	Model 701 N	26s	AS	7693; 7673, 7683 and 6850
80389	10 µL	Model 701 N (6 pack)	26s	AS	7693; 7673, 7683 and 6850
87993	5 µL	Model 75 N	23s – 26s	AS	7693; 7673, 7683 and 6850
87994	5 µL	Model 75 N (6 pack)	23s – 26s	AS	7693; 7673, 7683 and 6850
80393	10 µL	Model 701 N	23s – 26s	AS	7693; 7673, 7683 and 6850
80391	10 µL	Model 701 N (6 pack)	23s – 26s	AS	7693; 7673, 7683 and 6850
87991	5 µL	Model 75 N	23s	2	7673, 7683 and 6850
80398	10 µL	Model 701 N	23s	2	7673, 7683 and 6850
87992	5 µL	Model 75 N	26s	2	7673, 7683 and 6850
80399	10 µL	Model 701 N	26s	2	7673, 7683 and 6850
80300*	10 µL	Model 701 N	26s	2	7670, 7671 and 7672
80366*	10 µL	Model 701 N (6 pack)	26s	2	7670, 7671 and 7672
87900*	5 µL	Model 75 N	26s	2	7670, 7671 and 7672

Syringe needles listed are 43.4 mm (1.71 inches) in length.

\*Syringe needle length of 51 mm (2 inches).

### Gastight Syringes

Part Number	Volume	Description	Gauge	Point Style	Autosampler Family Compatibility
80080	10 µL	Model 1701 N	23s	AS	7693; 7673, 7683 and 6850
80094	10 µL	Model 1701 N (6 pack)	23s	AS	7693; 7673, 7683 and 6850
80079	10 µL	Model 1701 N	23s – 26s	AS	7693; 7673, 7683 and 6850
80096	10 µL	Model 1701 N (6 pack)	23s – 26s	AS	7693; 7673, 7683 and 6850
80000*	10 µL	Model 1701 N	26s	2	7670, 7671 and 7672

Syringe needles listed are 43.4 mm (1.71 inches) in length.

\*Syringe needle length of 51 mm (2 inches).

## Removable Needle Syringes

### Microliter Syringes

Part Number	Volume	Description	Gauge	Point Style	Autosampler Family Compatibility
86276	0.5 µL	Model 7000.5 KH	23s	AS	7693; 7673, 7683 and 6850
80176	1.0 µL	Model 7001 KH	23s	AS	7693; 7673, 7683 and 6850
80175	1.0 µL	Model 7001 KH	26s	AS	7673, 7683 and 6850
87957	5 µL	Model 75 RN	23s	AS	7673, 7683 and 6850
80357	10 µL	Model 701 RN	23s	AS	7693; 7673, 7683 and 6850
86274	0.5 µL	Model 7000.5 KH	26s	AS	7693; 7673, 7683 and 6850
87958	5 µL	Model 75 RN	26s	AS	7673, 7683 and 6850
80358	10 µL	Model 701 RN	26s	AS	7693; 7673, 7683 and 6850
87959	5 µL	Model 75 RN	23s – 26s	AS	7673, 7683 and 6850
80359	10 µL	Model 701 RN	23s – 26s	AS	7693; 7673, 7683 and 6850
80338*	10 µL	Model 701 RN	26s	2	7670, 7671 and 7672

Syringe needles listed are 43.4 mm (1.71 inches) in length.

\*Syringe needle length of 51 mm (2 inches).



### Gastight Syringes

Part Number	Volume	Description	Gauge	Point Style	Autosampler Family Compatibility
80086	5 µL	Model 175 RN	23s – 26s	AS	7693; 7673, 7683 and 6850
80087	10 µL	Model 1701 RN	23s	AS	7693; 7673, 7683 and 6850
80088	10 µL	Model 1701 RN	26s	AS	7693; 7673, 7683 and 6850
80089	10 µL	Model 1701 RN	23s – 26s	AS	7693; 7673, 7683 and 6850
80011*	10 µL	Model 1701 RN	26s	2	7670, 7671 and 7672

Syringe needles listed are 43.4 mm (1.71 inches) in length.

\*Syringe needle length of 51 mm (2 inches).

For more information on these and other Hamilton syringes, including information on terminations, point styles, gauges and other specifications, please visit [www.hamiltoncompany.com/syringes](http://www.hamiltoncompany.com/syringes).

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