

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.

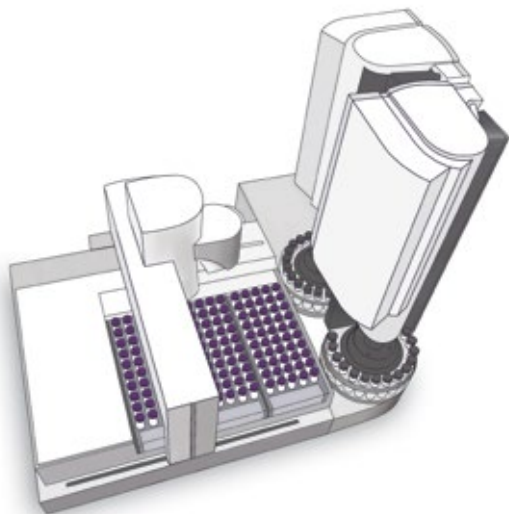
Hamilton has designed a series of syringes specifically for Agilent ALS autosamplers that meets the instruments' requirements for dimensional accuracy, needle length, needle gauge, needle tip, and overall lifetime. Every Agilent syringe produced by Hamilton undergoes quality control procedures that ensure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

Benefits of Hamilton Agilent Autosampler Syringes:

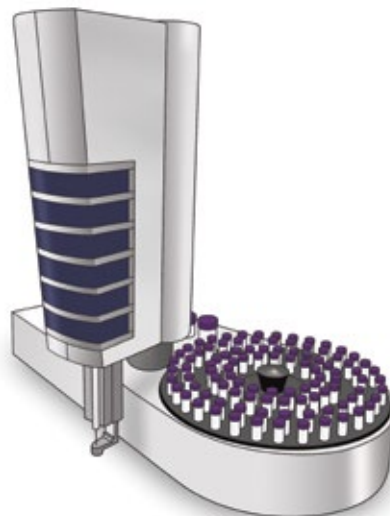
- Exact Agilent ALS system design ensures perfect compatibility
- Plunger button designed for easy integration
- Microliter™ plungers are hand fitted for a smooth, precise injection into the GC
- Gastight® syringes have a PTFE plunger tip to maintain chemical inertness
- Unsurpassed accuracy and precision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



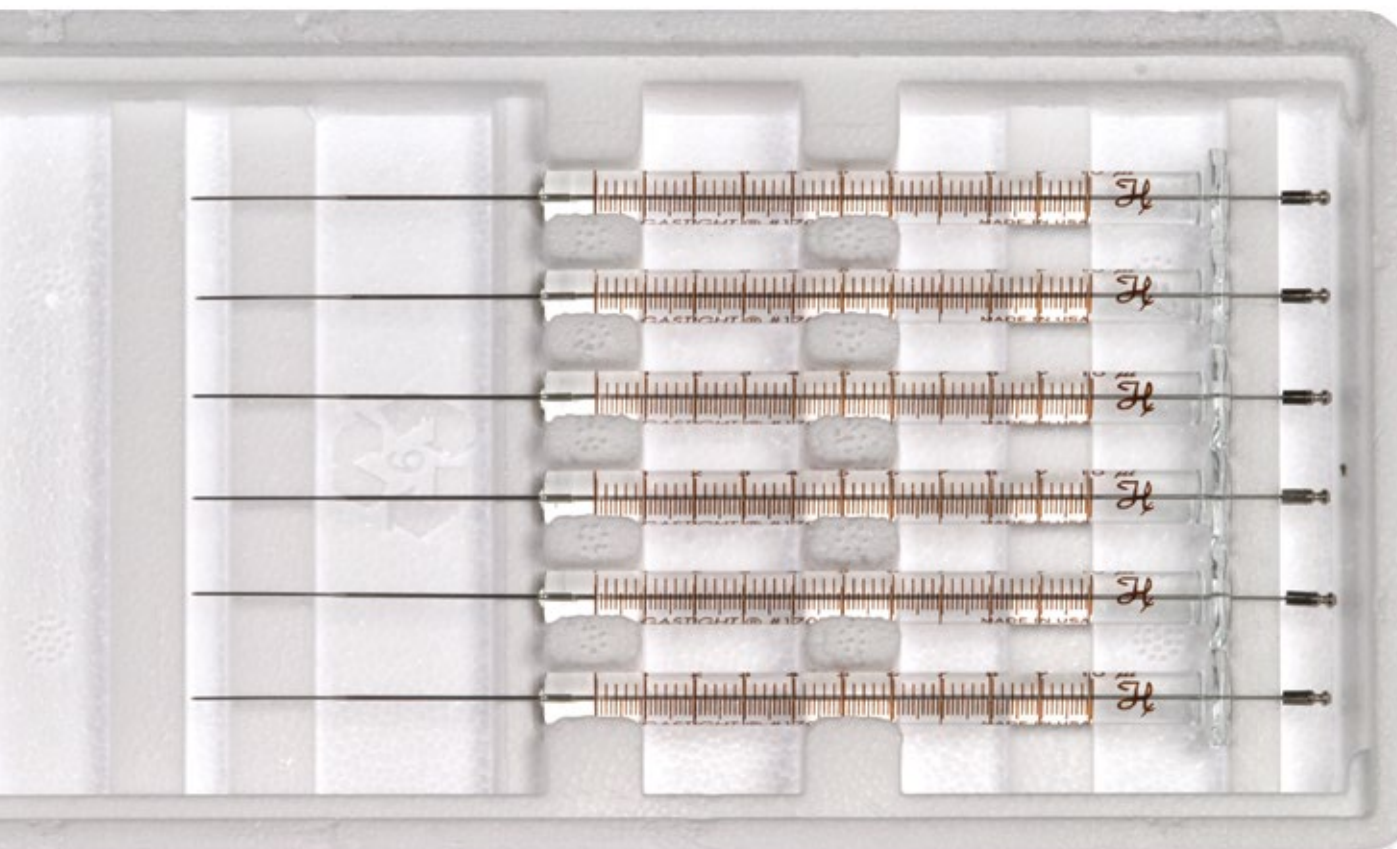
Agilent 7693A autosampler



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

| P/N | Volume | Description | Gauge | Point Style | Autosampler Family Compatibility |
|--------|--------|----------------------|-----------|-------------|----------------------------------|
| 87987 | 5 µL | Model 75 N | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 87990 | 5 µL | Model 75 N (6 pack) | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 80387 | 10 µL | Model 701 N | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 80390 | 10 µL | Model 701 N (6 pack) | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 87988 | 5 µL | Model 75 N | 26s | AS | 7693A; 7673, 7683, and 6850 |
| 87989 | 5 µL | Model 75 N (6 pack) | 26s | AS | 7693A; 7673, 7683, and 6850 |
| 80388 | 10 µL | Model 701 N | 26s | AS | 7693A; 7673, 7683, and 6850 |
| 80389 | 10 µL | Model 701 N (6 pack) | 26s | AS | 7693A; 7673, 7683, and 6850 |
| 87993 | 5 µL | Model 75 N | 23s – 26s | AS | 7693A; 7673, 7683, and 6850 |
| 87994 | 5 µL | Model 75 N (6 pack) | 23s – 26s | AS | 7693A; 7673, 7683, and 6850 |
| 80393 | 10 µL | Model 701 N | 23s – 26s | AS | 7693A; 7673, 7683, and 6850 |
| 80391 | 10 µL | Model 701 N (6 pack) | 23s – 26s | AS | 7693A; 7673, 7683, and 6850 |
| 87991 | 5 µL | Model 75 N | 23s | 2 | 7693A; 7673, 7683, and 6850 |
| 80398 | 10 µL | Model 701 N | 23s | 2 | 7693A; 7673, 7683, and 6850 |
| 87992 | 5 µL | Model 75 N | 26s | 2 | 7693A; 7673, 7683, and 6850 |
| 80399 | 10 µL | Model 701 N | 26s | 2 | 7693A; 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

| P/N | Volume | Description | Gauge | Point Style | Autosampler Family Compatibility |
|--------|--------|-----------------------|-----------|-------------|----------------------------------|
| 80080 | 10 µL | Model 1701 N | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 80094 | 10 µL | Model 1701 N (6 pack) | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 80079 | 10 µL | Model 1701 N | 23s – 26s | AS | 7693A; 7673, 7683, and 6850 |
| 80096 | 10 µL | Model 1701 N (6 pack) | 23s – 26s | AS | 7693A; 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

| P/N | Volume | Description | Gauge | Point Style | Autosampler Family Compatibility |
|--------|--------|-----------------|-----------|-------------|----------------------------------|
| 86276 | 0.5 µL | Model 7000.5 KH | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 80176 | 1 µL | Model 7001 KH | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 80175 | 1 µL | Model 7001 KH | 26s | AS | 7693A; 7673, 7683, and 6850 |
| 87957 | 5 µL | Model 75 RN | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 80357 | 10 µL | Model 701 RN | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 86274 | 0.5 µL | Model 7000.5 KH | 26s | AS | 7693A; 7673, 7683, and 6850 |
| 87958 | 5 µL | Model 75 RN | 26s | AS | 7693A; 7673, 7683, and 6850 |
| 80358 | 10 µL | Model 701 RN | 26s | AS | 7693A; 7673, 7683, and 6850 |
| 87959 | 5 µL | Model 75 RN | 23s – 26s | AS | 7693A; 7673, 7683, and 6850 |
| 80359 | 10 µL | Model 701 RN | 23s – 26s | AS | 7693A; 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

| P/N | Volume | Description | Gauge | Point Style | Autosampler Family Compatibility |
|--------|--------|---------------|-----------|-------------|----------------------------------|
| 80086 | 5 µL | Model 175 RN | 23s – 26s | AS | 7693A; 7673, 7683, and 6850 |
| 80087 | 10 µL | Model 1701 RN | 23s | AS | 7693A; 7673, 7683, and 6850 |
| 80088 | 10 µL | Model 1701 RN | 26s | AS | 7693A; 7673, 7683, and 6850 |
| 80089 | 10 µL | Model 1701 RN | 23s – 26s | AS | 7693A; 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.

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