

# 5 µL Gastight Syringe, Small Removable Needle, 32 gauge, 2 in, point style 3

Specification Sheet (Part/REF # 80016)



The 1700 series syringes are the gas tight version of the original 700 series syringes. This series of gas tight syringes is ideal for dispensing volumes from 1 µL up to 500 µL. A variety of different terminations and needle options are available in this series.

## Product Specifications

|                        |                               |
|------------------------|-------------------------------|
| Volume                 | 5 µL                          |
| Syringe Type           | Gastight                      |
| Syringe Series         | 1700                          |
| Termination            | Removable Needle (RN)         |
| Needle                 | Small RN                      |
| Gauge                  | 32 gauge                      |
| Point Style            | 3: Blunt                      |
| Needle Length          | 2 inch (51 mm)                |
| Fluid Path             | SST, Borosilicate glass, PTFE |
| Autoclavable           | Yes                           |
| Gas Sterilizable       | Yes                           |
| Pressure               | 1000 psig (68.9 bar)          |
| Maximum Temperature    | 80°C / 176°F                  |
| Minimum Temperature    | 10°C / 50°F                   |
| Barrel Inner Diameter  | 0.018 inches (0.460 mm)       |
| Barrel Outer Diameter  | 0.260 inches (6.60 mm)        |
| Needle Inner Diameter  | 0.0045 inches (0.11 mm)       |
| Needle Outer Diameter  | 0.00925 inches (0.24 mm)      |
| Std Needle Dead Volume | 0.47 µL                       |
| Sales Quantity         | 1 syringe per pack            |

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/syringes/80016>

Spec. Version B