

**50 µL, Model 1705 N SYR,
Cemented NDL, 22s ga, 2 in,
point style 3**

Specification Sheet (Part/REF # 80975)



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	50 µL
Syringe Type	Gastight
Syringe Series	1700
Termination	Cemented Needle (N)
Needle	Cemented Needle
Gauge	22s gauge
Point Style	3
Needle Length	2 inch (51 mm)
Fluid Path	SST, borosilicate glass, PTFE
Autoclavable	No
Gas Sterilizable	Yes
Pressure	1000 psig (68.9 bar)
Maximum Temperature	50°C / 122°F
Minimum Temperature	10°C / 50°F
Barrel Inner Diameter	0.041 inches (1.03 mm)

Barrel Outer Diameter	0.305 inches (7.75 mm)
Needle Inner Diameter	0.0059 inches (0.15 mm)
Needle Outer Diameter	0.0283 inches (0.72 mm)
Std Needle Dead Volume	1.13 μ L
Sales Quantity	1 syringe per pack

Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/laboratory-products/syringes/80975>