

50 μ L, Model 705 N SYR, Cemented NDL, 22 ga, 2 in, point style 3

Specification Sheet (Part/REF # 80521)

The 700 series syringe is the original hand-fitted Hamilton syringe. This series of syringes is ideal for dispensing volumes from 0.5 μ L up to 500 μ L. A variety of different terminations and needle options are available in this series.

Product Specifications

Volume	50 μ L
Syringe Type	Microliter
Syringe Series	700
Termination	Cemented Needle (N)
Needle	Cemented Needle
Gauge	22 gauge
Point Style	3
Needle Length	2 inch (51 mm)
Fluid Path	SST, borosilicate glass
Autoclavable	No
Gas Sterilizable	Yes
Pressure	2000 psig (137.9 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	0.0161 inches (0.41 mm)

Needle Outer Diameter	0.0283 inches (0.72 mm)
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Std Needle Dead Volume	6.81 μ L
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Sales Quantity	1 syringe per pack
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Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/laboratory-products/syringes/80521>