

# 50 $\mu$ L Microliter Syringe Model 705 N, Cemented Needle, 22s gauge, 2 in, point style 2

Specification Sheet (Part/REF # 80500)



Split/splitless injection consists of a heated chamber with a glass liner into which the sample is injected through the septum. A microsyringe is used to inject the sample through a rubber septum into a flash vaporizer chamber at the head of the column.

## Product Specifications

<b>Volume</b>	50 $\mu$ L
<b>Syringe Type</b>	Microliter
<b>Syringe Series</b>	700
<b>Termination</b>	Cemented Needle (N)
<b>Needle</b>	Cemented Needle
<b>Gauge</b>	22s gauge
<b>Point Style</b>	2
<b>Needle Length</b>	2 inch (51 mm)
<b>Fluid Path</b>	SST, borosilicate glass
<b>Autoclavable</b>	No
<b>Gas Sterilizable</b>	Yes
<b>Pressure</b>	2000 psig (137.9 bar)
<b>Maximum Temperature</b>	50°C / 122°F
<b>Minimum Temperature</b>	10°C / 50°F
<b>Barrel Inner Diameter</b>	0.041 inches (1.03 mm)

<b>Barrel Outer Diameter</b>	0.305 inches (7.75 mm)
<b>Needle Inner Diameter</b>	0.0059 inches (0.15 mm)
<b>Needle Outer Diameter</b>	0.0283 inches (0.72 mm)
<b>Std Needle Dead Volume</b>	1.13 $\mu$ L
<b>Sales Quantity</b>	1 syringe per pack

Specifications are subject to change without notice

**Spec. Version B**

<https://www.hamiltoncompany.com/laboratory-products/syringes/80500>