

50 µL 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

Volume	50 µL
Syringe Type	Microliter
Syringe Series	700
Termination	Cemented Needle (N)
Needle	Cemented Needle
Gauge	22s gauge
Point Style	2
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	0.0059 inches (0.15 mm)
Needle Outer Diameter	0.0283 inches (0.72 mm)
Std Needle Dead Volume	1.13 µL
Sales Quantity	1 syringe per pack

Specifications are subject to change without notice

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

Spec. Version B