

# 500 $\mu$ L Microliter Syringe Model 750 N, Cemented Needle, 22 gauge, 2 in, point style 2

Specification Sheet (Part/REF # 80800)



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>	500 $\mu$ 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>	22 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>	1000 psig (68.9 bar)
<b>Maximum Temperature</b>	50°C / 122°F
<b>Minimum Temperature</b>	10°C / 50°F
<b>Barrel Inner Diameter</b>	0.135 inches (3.26 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)
Std Needle Dead Volume	6.81 $\mu$ L
Sales Quantity	1 syringe per pack

Specifications are subject to change without notice  
<https://www.hamiltoncompany.com/laboratory-products/syringes/80800>

**Spec. Version B**