

# 100 $\mu$ L Gastight Syringe Model 1710 RN, Small Removable Needle, 22s gauge, 2 in, point style 2

Specification Sheet (Part/REF # 81030)



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>	100 $\mu$ L
<b>Syringe Type</b>	Gastight
<b>Syringe Series</b>	1700
<b>Termination</b>	Removable Needle (RN)
<b>Needle</b>	Small RN
<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, PTFE
<b>Autoclavable</b>	Yes
<b>Gas Sterilizable</b>	Yes
<b>Pressure</b>	1000 psig (68.9 bar)
<b>Maximum Temperature</b>	115°C / 239°F
<b>Minimum Temperature</b>	10°C / 50°F
<b>Barrel Inner Diameter</b>	0.057 inches (1.46 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 $\mu$ L
Sales Quantity	1 syringe per pack

Specifications are subject to change without notice

**Spec. Version B**

<https://www.hamiltoncompany.com/laboratory-products/syringes/81030>