

0.5 µL, Model 7000.5 Knurled Hub (KH) Syringe, 25 gauge, 2.75 in, point style 2

Specification Sheet (Part/REF # 86259)



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	0.5 µL
Syringe Type	Microliter
Syringe Series	7000
Termination	Knurled Hub (KH)
Needle	Knurled Hub (KH)
Gauge	25 gauge
Point Style	2
Needle Length	2.75 in (69.9 mm)
Fluid Path	SST, tungsten SST, borosilicate glass
Autoclavable	Yes
Gas Sterilizable	Yes
Pressure	6000 psig (413.7 bar)
Maximum Temperature	115°C / 239°F
Minimum Temperature	10°C / 50°F
Barrel Inner Diameter	0.0041 inches (0.104 mm)

Barrel Outer Diameter	0.308 inches (7.82 mm)
Needle Inner Diameter	0.0041 inches (0.104 mm)
Needle Outer Diameter	0.020 inches (0.515 mm)
Std Needle Dead Volume	0 μ L
Sales Quantity	1 syringe per pack

Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/laboratory-products/syringes/86259>