

250 µL Gastight Syringe Model 1725 LTN, Cemented Needle, 22s gauge, 2 in, point style 2

Specification Sheet (Part/REF # 81100)



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

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|-------------------------------|--------------------------------|
| Volume | 250 µL |
| Syringe Type | Gastight |
| Syringe Series | 1700 |
| Termination | Luer Tip Cemented Needle (LTN) |
| Needle | Cemented Needle |
| Gauge | 22s gauge |
| Point Style | 2: Curved, Beveled |
| Needle Length | 2 inch (51 mm) |
| Fluid Path | SST, Borosilicate glass, PTFE |
| Autoclavable | No |
| Gas Sterilizable | Yes |
| Pressure | 500 psig (34.5 bar) |
| Maximum Temperature | 50°C / 122°F |
| Minimum Temperature | 10°C / 50°F |
| Barrel Inner Diameter | 0.091 inches (2.30 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/syringes/81100>

Spec. Version B