

# 500 $\mu$ L, Model 1750 Luer Tip (LT) Threaded Plunger Syringe, Needle Sold Separately

Specification Sheet (Part/REF # 81242)



Threaded Plunger Syringes are for applications requiring extremely precise plunger movement or minute fluid manipulation. You can dispense from 0.33 to 37.79  $\mu$ L per plunger revolution depending on the syringe volume.

## Product Specifications

<b>Volume</b>	500 $\mu$ L
<b>Syringe Type</b>	Gastight
<b>Syringe Series</b>	1700
<b>Termination</b>	Luer Tip (LT)
<b>Needle</b>	Kel-F Hub
<b>Gauge</b>	No Needle Included
<b>Point Style</b>	No Needle Included
<b>Needle Length</b>	No Needle Included
<b>Fluid Path</b>	Borosilicate glass, PTFE
<b>Autoclavable</b>	Yes to 115 °C
<b>Gas Sterilizable</b>	Yes
<b>Pressure</b>	700 psig (48.3 bar)
<b>Maximum Temperature</b>	115°C / 239°F
<b>Minimum Temperature</b>	10°C / 50°F
<b>Barrel Inner Diameter</b>	0.128 inches (3.26 mm)

---

<b>Barrel Outer Diameter</b>	0.305 inches (7.75 mm)
<b>Volume per rotation</b>	5.29 $\mu$ L
<b>Std Needle Dead Volume</b>	N/A
<b>Sales Quantity</b>	1 syringe per pack

---

Specifications are subject to change without notice

**Spec. Version B**

<https://www.hamiltoncompany.com/laboratory-products/syringes/81242>