

**5  $\mu$ L Microliter Syringe Model  
75 N, Cemented Needle, 26s  
gauge, 2 in, point style 2**  
Specification Sheet (Part/REF # 87900)



The 700 series syringe is the original hand-fitted Hamilton syringe. This series of syringes is ideal for dispensing volumes from 0.5  $\mu$ L up to 500  $\mu$ L. A variety of different terminations and needle options are available in this series.

## Product Specifications

<b>Volume</b>	5 $\mu$ 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>	26s 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>	2000 psig (137.9 bar)
<b>Maximum Temperature</b>	50°C / 122°F
<b>Minimum Temperature</b>	10°C / 50°F
<b>Barrel Inner Diameter</b>	0.014 inches (0.343 mm)
<b>Barrel Outer Diameter</b>	0.260 inches (6.60 mm)

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<b>Needle Inner Diameter</b>	0.005 inches (0.13 mm)
<b>Needle Outer Diameter</b>	0.019 inches (0.483 mm)
<b>Std Needle Dead Volume</b>	0.64 $\mu$ L
<b>Sales Quantity</b>	1 syringe per pack

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Specifications are subject to change without notice

**Spec. Version B**

<https://www.hamiltoncompany.com/laboratory-products/syringes/87900>