

**50 µL, Model 705 CA SYR,  
Cemented NDL, 24 ga , 2 in,  
point style 3**

Specification Sheet (Part/REF # 80550)



These syringes are for water analysis with Total Organic Carbon (TOC) analyzers. The wetted parts are stainless steel and borosilicate glass. The plungers and barrels are not interchangeable or replaceable.

## Product Specifications

<b>Volume</b>	50 µL
<b>Syringe Type</b>	Microliter
<b>Syringe Series</b>	700
<b>Termination</b>	Special
<b>Needle</b>	Cemented Needle
<b>Gauge</b>	24 gauge
<b>Point Style</b>	3
<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>	0.041 inches (1.03 mm)
<b>Barrel Outer Diameter</b>	0.305 inches (7.75 mm)

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<b>Needle Inner Diameter</b>	0.0122 inches (0.31 mm)
<b>Needle Outer Diameter</b>	0.0224 inches (0.57 mm)
<b>Std Needle Dead Volume</b>	3.86 $\mu$ 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/80550>