

STAINLESS STEEL SYRINGES



New Era supplies a full range of stainless syringes from 1mL to 200mL. The syringes can handle 750psi (1500psi for the 8ml), high temperatures and highly corrosive chemicals. Highly corrosive chemicals may require an upgrade in O'Ring.

| Part # | Size | PSI | Included Fitting |
|---------------|-------|------|---------------------|
| SYR-SS1 | 1mL | 750 | None, 1/4-28 Thread |
| SYR-SS1SL8 | 1mL | 750 | 1/8 SwageLok |
| SYR-SS1SL16 | 1mL | 750 | 1/16 SwageLok |
| SYR-SS1LL | 1mL | 750 | Luer-Lok |
| SYR-SS3 | 3mL | 750 | None, 1/4-28 Thread |
| SYR-SS3SL8 | 3mL | 750 | 1/8 SwageLok |
| SYR-SS3SL16 | 3mL | 750 | 1/16 SwageLok |
| SYR-SS3LL | 3mL | 750 | Luer-Lok |
| SYR-SS5 | 5mL | 750 | None, 1/4-28 Thread |
| SYR-SS5SL8 | 5mL | 750 | 1/8 SwageLok |
| SYR-SS5SL16 | 5mL | 750 | 1/16 SwageLok |
| SYR-SS5LL | 5mL | 750 | Luer-Lok |
| SYR-SS8 | 8mL | 1500 | None, 1/4-28 Thread |
| SYR-SS8SL8 | 8mL | 1500 | 1/8 SwageLok |
| SYR-SS8SL16 | 8mL | 1500 | 1/16 SwageLok |
| SYR-SS8LL | 8mL | 1500 | Luer-Lok |
| SYR-SS20 | 20mL | 750 | None, 3/8-24 Thread |
| SYR-SS20SL4 | 20mL | 750 | 1/4 SwageLok |
| SYR-SS20SL8 | 20mL | 750 | 1/8 SwageLok |
| SYR-SS20SL16 | 20mL | 750 | 1/16 SwageLok |
| SYR-SS20LL | 20mL | 750 | Luer-Lok |
| SYR-SS50 | 50mL | 750 | None, 3/8-24 Thread |
| SYR-SS50SL4 | 50mL | 750 | 1/4 SwageLok |
| SYR-SS50SL8 | 50mL | 750 | 1/8 SwageLok |
| SYR-SS50SL16 | 50mL | 750 | 1/16 SwageLok |
| SYR-SS50LL | 50mL | 750 | Luer-Lok |
| SYR-SS100 | 100mL | 750 | None, 3/8-24 Thread |
| SYR-SS100SL4 | 100mL | 750 | 1/4 SwageLok |
| SYR-SS100SL8 | 100mL | 750 | 1/8 SwageLok |
| SYR-SS100SL16 | 100mL | 750 | 1/16 SwageLok |
| SYR-SS100LL | 100mL | 750 | Luer-Lok |

| Part # | Size | PSI | Included Fitting |
|---------------|-------|-----|---------------------|
| SYR-SS200 | 200mL | 750 | None, 3/8-24 Thread |
| SYR-SS200SL4 | 200mL | 750 | 1/4 SwageLok |
| SYR-SS200SL8 | 200mL | 750 | 1/8 SwageLok |
| SYR-SS200SL16 | 200mL | 750 | 1/16 SwageLok |
| SYR-SS200LL | 200mL | 750 | Luer-Lok |

Stainless Steel Syringe O-Rings



Stainless steel syringes come standard with a Viton O-Ring. Chemraz® O-Rings are ordered separately and are for applications requiring higher chemical resistance.

| Part # | Description |
|---------------|--------------------------------------|
| SYRP-SSORV5 | Viton, 5mL Replacement O'Rings |
| SYRP-SSORK5 | Chemraz® 5mL O'Rings |
| SYRP-SSORV8 | Viton 1, 3 & 8mL Replacement O'Rings |
| SYRP-SSORK8 | Chemraz® 1, 3 & 8mL O'Rings |
| SYRP-SSORV20 | Viton, 20mL Replacement O'Rings |
| SYRP-SSORK20 | Chemraz® 20mL O'Rings |
| SYRP-SSORV50 | Viton 50mL Replacement O'Rings |
| SYRP-SSORK50 | Chemraz® 50mL O'Rings |
| SYRP-SSORV100 | Viton 100mL Replacement O'Rings |
| SYRP-SSORK100 | Chemraz® 100mL O'Rings |
| SYRP-SSORV200 | Viton 200mL Replacement O'Rings |
| SYRP-SSORK200 | Chemraz® 200mL O'Rings |

Stainless Steel Syringe Fittings



You can buy stainless steel syringes with or without fittings. They are also available to be purchased separately if needed. All fittings are pressure rated for all syringes they connect to.

Need to heat your syringe?

The Syringe Heater Kit, you can find in the accessory section, will heat all sizes of syringes up to 220 °C.

Maximum & Minimum Flow Rates

| | Syringe (cc) | Inside Diameter (mm) | Max Rate (mL/hr) | Mim Rate (μ L/hr) | Max Rate (mL/min) |
|-----------|--------------|----------------------|------------------|------------------------|-------------------|
| NE-1000* | 1ml | 9.538 | 218.6 | 3.005 | 3.644 |
| | 3ml | 9.538 | 218.6 | 3.005 | 3.644 |
| | 5ml | 12.7 | 387.6 | 5.326 | 6.46 |
| | 8ml | 9.538 | 218.6 | 3.005 | 3.644 |
| | 20ml | 19.13 | 879.5 | 12.09 | 14.65 |
| | 50ml | 28.6 | 1965 | 27.01 | 32.76 |
| | 100ml | 34.93 | 2932 | 40.29 | 48.87 |
| | 200ml | 44.75 | 4813 | 66.13 | 80.21 |
| NE-1010** | 1ml | 9.538 | 787.5 | 6.009 | 13.12 |
| | 3ml | 9.538 | 787.5 | 6.009 | 13.12 |
| | 5ml | 12.7 | 1396 | 10.66 | 23.26 |
| | 8ml | 9.538 | 787.5 | 6.009 | 13.12 |
| | 20ml | 19.13 | 3167 | 24.17 | 52.79 |
| | 50ml | 28.6 | 7080 | 54.03 | 118 |
| | 100ml | 34.93 | 9999 | 80.58 | 176 |
| | 200ml | 44.75 | 9999 | 132.3 | 288.9 |

*Flow rates for the NE-1000 also apply to the following pumps:
NE-500, NE-501, NE-500L, & NE-501L.

**Flow rates for the NE-1010 also apply to the following pumps:
NE-510, NE-511, NE-510L, & NE-511L.

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LIFE SCIENCE TOOLS

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